

**Datasheet for 200-308-W79****QKI (pan) Antibody Phycoerythrin****Overview**

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| <b>Description:</b>  | Anti-QKI (pan) (MOUSE) Monoclonal Antibody Phycoerythrin Conjugated - 200-308-W79 |
| <b>Item No.:</b>     | 200-308-W79                                                                       |
| <b>Size:</b>         | 100 µg                                                                            |
| <b>Applications:</b> | IHC, WB                                                                           |
| <b>Reactivity:</b>   | Human, Mouse, Rat                                                                 |
| <b>Host Species:</b> | Mouse                                                                             |

**Product Details**

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Background:</b>   | QKI is also called Protein Quaking or Hqkl. QKI is an RNA-binding protein that plays a central role in myelination. QKI acts by regulating pre-mRNA splicing, mRNA export, mRNA stability and protein translation, and is itself, regulated by alternative splicing. QKI is expressed in the frontal cortex of brain, but is shown to be downregulated in the brain of schizophrenic patients. Anti-QKI (pan) is ideal for research in Neuroscience and Gene Expression. |
| <b>Synonyms:</b>     | Protein quaking, Hqk, Hqkl, QKI, KH Domain Containing, RNA Binding (QKI)                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Host Species:</b> | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Conjugate:</b>    | R-Phycoerythrin (RPE)                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Clonality:</b>    | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Clone ID:</b>     | S147-6                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Format:</b>       | IgG2b                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

**Target Details**

|                        |                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name:</b>      | QKI                                                                                                                                                    |
| <b>Reactivity:</b>     | Human, Mouse, Rat                                                                                                                                      |
| <b>Immunogen Type:</b> | Recombinant Protein                                                                                                                                    |
| <b>Immunogen:</b>      | Anti-QKI (pan) Antibody was produced by repeated immunization of mice with a fusion protein containing amino acids 1-341 (full length) of human QKI-5. |

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| <b>Purity/Specificity:</b> | Anti-QKI (pan) Antibody was purified from concentrated tissue culture supernate by Protein G chromatography. BLAST analysis suggests that it is 100% identical to mouse, 99% identical to rat and 90% identical to QKI-6, QKI-7 and QKI-7b. |
| <b>Relevant Links:</b>     | <ul style="list-style-type: none"><li>• <a href="#">UniProtKB - Q96PU8</a></li><li>• <a href="#">GeneID - 9444</a></li></ul>                                                                                                                |

## Application Details

|                             |                                                                                                                                                                                                                                                                    |
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| <b>Tested Applications:</b> | IHC, WB                                                                                                                                                                                                                                                            |
| <b>Application Note:</b>    | Anti-QKI (pan) R-PE Conjugated Antibody is suitable for Western Blots, Immunohistochemistry and Immunocytochemistry. Expect a band approximately ~36-38kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user. |
| <b>Assay Dilutions:</b>     | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.                                                                                                                                                                    |
| <b>ELISA:</b>               | 1:10,000                                                                                                                                                                                                                                                           |
| <b>IHC:</b>                 | User Optimized                                                                                                                                                                                                                                                     |
| <b>WB:</b>                  | 1:1000                                                                                                                                                                                                                                                             |

## Formulation

|                        |                                   |
|------------------------|-----------------------------------|
| <b>Physical State:</b> | Liquid (sterile filtered)         |
| <b>Concentration:</b>  | 1mg/mL by UV absorbance at 280 nm |

## Shipping & Handling

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|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shipping Condition:</b> | Wet Ice                                                                                                                              |
| <b>Storage Condition:</b>  | Conjugated antibodies should be stored according to the product label. Product stored in 95.64mM Phosphate, 2.48mM MES and 2mM EDTA. |
| <b>Expiration:</b>         | Expiration date is one (1) year from date of receipt.                                                                                |

## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.