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Datasheet for 600-401-BB8

ERRF Antibody

Overview

Description:	Anti-ERRF (RABBIT) Antibody - 600-401-BB8
Item No.:	600-401-BB8
Size:	100 µg
Applications:	ELISA, IF, IHC, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	The estrogen receptor-related factor (ERRF) is a recently identified protein whose expression is upregulated in multiple cell lines and primary breast cancer tumors. Increased ERRF expression was significantly associated with ER or progesterone receptor (PR) positivity even in HER2-negative tumors. This higher ERRF expression correlated with better disease-free survival and overall survival. In two ER-positive breast cancer cell lines, knockdown of ERRF suppressed cell growth in vitro and tumorigenesis in xenograft models, suggesting that ERRF plays a role in estrogen-ER-mediated breast cancer cell growth and may thus be a potential therapeutic target.
Synonyms:	Steroid receptor-associated and regulated protein, SRARP, ERRF Antibody, ER-related factor, C1orf64, Steroid receptor-regulated protein, SSPR
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	SRARP
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti-ERRF antibody was prepared from whole rabbit serum produced by repeated immunizations with a 15 amino acid peptide near the C-terminus of human ERRF.

Purity/Specificity:	Anti-ERRF Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. Cross reactivity with ERRF from other sources has not been determined.
Relevant Links:	• UniProtKB - Q8NEQ6 • GeneID - 149563 • NCBI - NP_849162

Application Details

Tested Applications:	ELISA, IF, IHC, WB
Application Note:	Anti-ERRF Antibody has been tested for use in ELISA, Western Blotting, Immunohistochemistry and Immunofluorescence. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 18 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IF:	User Optimized
IHC:	User Optimized
WB:	1 µg/mL

Formulation

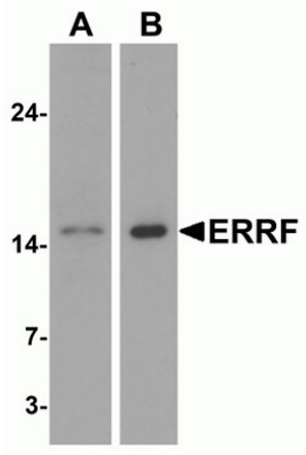
Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

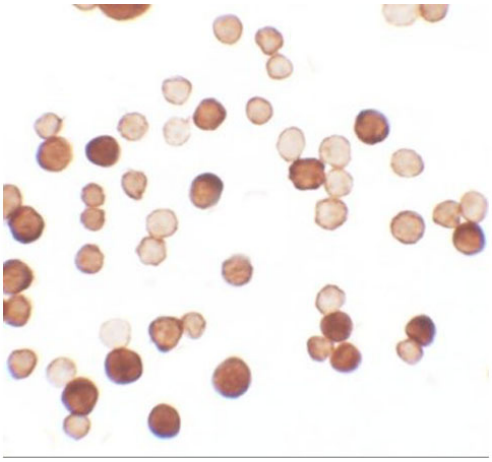
Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

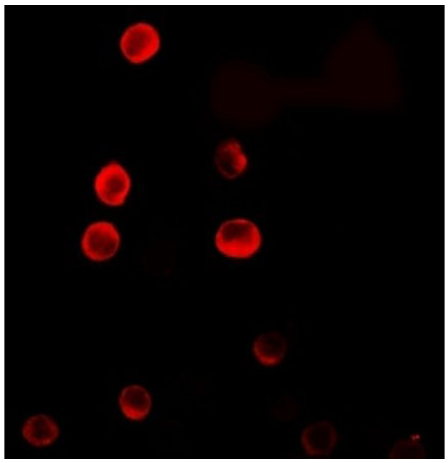
Images



Western Blot
Western blot analysis of ERRF.
Load: (A) HeLa and (B) A-20 cell lysate.
Primary Antibody: ERRF antibody at 1 µg/mL.



Immunocytochemistry
Immunocytochemistry of ERRF.
Cell: HeLa cells.
Primary Antibody: ERRF antibody at 2.5 µg/mL.



Immunofluorescence Microscopy
Immunofluorescence of ERRF.
Cell: HeLa cells.
Primary Antibody: ERRF antibody at 20 µg/mL.

Disclaimer

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