

Datasheet for 613-4328**Sheep IgG (H&L) Antibody Peroxidase Conjugated Pre-Adsorbed****Overview**

Description:	Rabbit Anti-Sheep IgG (H&L) Antibody Peroxidase Conjugated (Min X Human Serum Proteins) - 613-4328
Item No.:	613-4328
Size:	1 mg
Applications:	ELISA, WB
Reactivity:	Sheep
Host Species:	Rabbit

Product Details

Background:	HRP Conjugated Secondary Antibody is designed for western blotting, ELISA and Immunohistochemistry. Horseradish peroxidase conjugated antibodies are ideal for antibody detection assays that require lot-to-lot consistency.
Synonyms:	Rabbit Anti-Sheep IgG peroxidase Conjugated Antibody, Rabbit Anti-Sheep IgG Antibody HRP Conjugation
Host Species:	Rabbit
Specificity:	IgG (H&L)
Conjugate:	Peroxidase (HRP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Sheep
Immunogen:	Sheep IgG whole molecule

Purity/Specificity:	Secondary Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep IgG coupled to agarose beads followed by solid phase adsorption (s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Sheep IgG and Sheep Serum. No reaction was observed against Human Serum Proteins.
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Application Details

Tested Applications:	ELISA
Suggested Applications:	WB (Based on references)
Application Note:	Anti-Sheep IgG Peroxidase Conjugated Antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5,000 - 1:22,000
IHC:	1:300 - 1:1,500
WB:	1:500 - 1:3,000

Formulation

Physical State:	Lyophilized
Concentration:	1.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

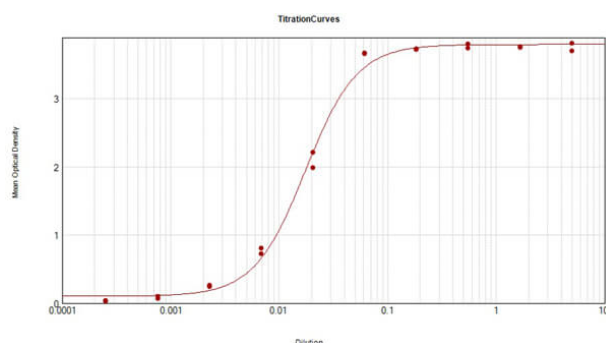
Shipping & Handling

Shipping Condition:	Ambient
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Storage Condition: Store secondary antibody at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. 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



ELISA

ELISA Results of Rabbit Anti-Sheep IgG Antibody Peroxidase Conjugate (Min X Human Serum Proteins) tested against purified Sheep IgG Min X Hu HRP. Each well was coated in duplicate with 1.0 µg of Sheep IgG (p/n 013-0102). The working dilution is 1:57000. The starting dilution of antibody was 5µg/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody.

References

- Kay HH et al. Hypoxia and lactate production in trophoblast cells. *Placenta*. (2007)
- Bissoon-Haqqani S et al. Nuclear expression of thymidylate synthase in colorectal cancer cell lines and clinical samples. *J Histochem Cytochem*. (2006)

Disclaimer

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