

Product Datasheet

Sheep anti-Rat IgG (H+L) Secondary Antibody [HRP] NBP2-22109

Unit Size: 0.5 mg

Store at 4C in the dark.

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NBP2-22109

Sheep anti-Rat IgG (H+L) Secondary Antibody [HRP]

Product Information	
Unit Size	0.5 mg
Concentration	2 mg/ml
Storage	Store at 4C in the dark.
Clonality	Polyclonal
Preservative	0.01% Gentamicin Sulfate
Isotype	IgG
Conjugate	HRP
Purity	Immunogen affinity purified
Buffer	PBS, pH 7.2 with 10mg/ml BSA (IgG and protease free)
Product Description	
Description	To avoid repeated freezing and thawing, aliquot reconstituted stock solution and store at -20C. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. and prior to removing the cap.
Host	Sheep
Species	Rat
Specificity/Sensitivity	Recognizes rat IgG. Assay by Immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-sheep serum, rat IgG and rat serum.
Immunogen	Rat IgG whole molecule
Notes	To avoid repeated freezing and thawing, aliquot reconstituted stock solution and store at -20C. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. Note: Sodium azide is a potent inhibitor of peroxidase and should not be added to HRP conjugates. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. and prior to removing the cap.
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000-1:10000, ELISA 1:5000-1:100000, Immunohistochemistry 1:500-1:2500
Application Notes	ELISA: Assayed against 1ug of Rat IgG in a standard capture ELISA using ABTS as a substrate for 30 minutes at RT. Optimal working dilutions to be determined by researcher.



Images

Sheep anti-Rat IgG (H+L) Secondary Antibody [HRP] [NBP2-22109] - Western Blot analysis using Sheep anti-Rat IgG (H+L) Secondary antibody [HRP] (50ng/lane). Lane M: Molecular Ladder Lane 1: Rat IgG whole molecule Lane 2: Rat IgG F(c) fragment Lane 3: Rat IgG Fab fragment Lane 4: Rat IgM whole molecule Lane 5: Rat Serum Primary antibody: at 1:1000 for 60min at RT. Secondary antibody: Donkey anti-Sheep IgG (Peroxidase) at 1:40,000 in blocking buffer for 30min at RT. Block: Blocking buffer for 30min at RT





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

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