

Product Datasheet

Donkey F(ab')₂ anti-Sheep IgG (H+L) Secondary Antibody (Pre-adsorbed) NBP2-62591

Unit Size: 0.5 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-62591Donkey F(ab')₂ anti-Sheep IgG (H+L) Secondary Antibody (Pre-adsorbed)

Product Information	
Unit Size	0.5 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This product 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, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Donkey Serum, Sheep IgG and Sheep Serum Store vial at 4C prior to opening. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20C or below. Avoid cycles of freezing and thawing.
Host	Donkey
Species	Sheep
Specificity/Sensitivity	No reaction was observed against anti-Pepsin, anti-Donkey IgG F(c) or Chicken, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit and Rat Serum Proteins.
Immunogen	Sheep IgG whole molecule
Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:2000 - 1:10000, ELISA 1:20000 - 1:100000, Immunohistochemistry 1:1000 - 1:5000, Immunohistochemistry-Paraffin 1:500-1:1000, Dot Blot
Application Notes	This product has been tested by dot blot and SDS-PAGE and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10⁶ cells in flow cytometry is approximately 1.0 ug of antibody. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications.

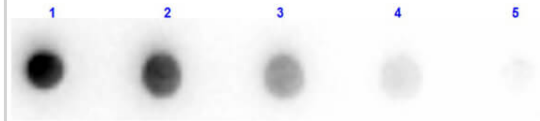


Images

Dot Blot: Donkey F(ab')₂ anti-Sheep IgG (H+L) Secondary Antibody (Pre-adsorbed) [NBP2-62591] - Dot Blot Results of Donkey F(ab')₂ anti-Sheep IgG (H+L) Secondary antibody (Pre-adsorbed) Min X Ch GP Ham Hs Hu Ms Rb Rt Serum Proteins. Sheep IgG (1) 100ng, (2) 33.33ng, (3) 11.11ng, (4) 3.70ng, (5) 1.23ng. Primary Antibody: Donkey F(ab')₂ anti-Sheep IgG (H+L) Secondary antibody (Pre-adsorbed) at 1ug/mL at RT for 1hr. Secondary Antibody: Anti-Donkey IgG HRP at 1:40,000 for 30 mins at RT. Exposure: 1 sec.



Dot Blot Results of Donkey F(ab')₂ Anti-Sheep IgG Antibody Min X Ch GP Ham Hs Hu Ms Rb Rt Serum Proteins. Sheep IgG (1) 100ng, (2) 33.33ng, (3) 11.11ng, (4) 3.70ng, (5) 1.23ng. Primary Antibody: Donkey F(ab')₂ Anti-Sheep IgG Antibody at 1ug/mL at RT for 1hr. Secondary Antibody: Anti-Donkey IgG HRP at 1:40,000 for 30 mins at RT. Exposure: 1 sec.





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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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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