

Donkey IgG anti-Sheep IgG (H+L)-unconj., MinX none

General Information

Catalog Number: SEC-182626	Physical State: Lyophilized
Quantity: 50 mg	Reconstitution Volume: 5.0 mL
	Reconstitution Buffer: Restore with deionized water (or equivalent)
	Shipping Conditions: at room temperature
	Product Expiration: Expiration date is one (1) year from date of opening.

Antibody Host / Format

Host Species: Donkey	Clonality / Isotype / Clone: polyclonal Ig
Antibody Format: IgG whole molecule	Concentration: 10.0 mg/mL by UV absorbance at 280 nm
	Conjugation: unconjugated
	Maximum Excitation / Emission: /



Specificity

Target Species: Sheep	Immunogen: Sheep IgG whole molecule
Antibody Specificity: IgG (H+L)	Sheep IgG (H&L) Antibody is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Donkey Serum, Sheep IgG and Sheep Serum. This antibody will detect intact and immunoglobulin components from Sheep.
	Minimal Cross Reactivity: none

Formulation, Transport and Storage

Storage Buffer: 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2	Store vial 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.
Stabilizer: None	
Preservatives: 0.01% (w/v) Sodium Azide	
	Storage Temperature: 4-8°C

Application Recommendation

This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.		
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		Management System ISO 9001:2015  www.tuv.com ID 900019771

Application: ELISA, Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections), Immunohistochemistry (frozen sections), Western Blot

Dilution: ELISA 1:20.000 - 1:100.000, Immunohistochemistry (IHC) 1:1,000 - 1:5,000, Western Blot (WB) 1:2.000 - 1:10.000

Application Note:

Anti-Sheep IgG unconjugated antibody is suitable for multiple immunoassays including immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. The antibody may be conjugated to the end user specifications.

Background Information

Anti-Sheep IgG unconjugated antibody was generated in donkey and detects specifically sheep IgG. This primary unconjugated anti-Sheep antibody is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.

Safety Information

This reagent contains sodium azide (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion. Standard Laboratory Practices should be followed when handling this material.

Disclaimer

This product is warranted to perform in conformance with product specifications and to be free from defects in material and workmanship. Products are supplied for research use only. The warranty provided herein is valid only when used by properly trained individuals. Unless otherwise stated, this warranty is limited to one year from date of shipment when the product is subjected to normal, proper and intended usage. Buyer's exclusive remedy for non-conforming products during the warranty period is limited to replacement of or refund for the non-conforming product(s). There is no obligation to replace products as the result of accident or disaster or inappropriate use of the products in a manner for which they were not designed, or improper storage and handling of the products.

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