

Datasheet for 613-7102

Sheep IgG (H&L) Antibody**Overview**

Description:	Donkey Anti-Sheep IgG (H&L) Antibody - 613-7102
Item No.:	613-7102
Size:	2 mg
Applications:	ELISA
Reactivity:	Sheep
Host Species:	Donkey

Product Details

Background:	Sheep IgG whole molecule antibody generated in donkey detects specifically Sheep IgG whole molecule. This secondary antibody anti-Sheep is ideal for investigators who routinely perform western blot, immunoprecipitation and more generally immunoassays.
Synonyms:	Donkey Anti-Sheep IgG Antibody
Host Species:	Donkey
Specificity:	IgG (H&L)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Sheep
Immunogen:	Sheep IgG whole molecule
Purity/Specificity:	Anti-SHEEP IgG Antibody was prepared from monospecific antiserum generated in donkey 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-Donkey Serum, Sheep IgG and Sheep Serum.

Application Details

Tested Applications:	ELISA
Application Note:	Anti-Sheep IgG secondary antibody has been tested by ELISA and is suitable for use in various immunoassays. Specific conditions for reactivity and signal detection should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:20,000 - 1:100,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:10,000

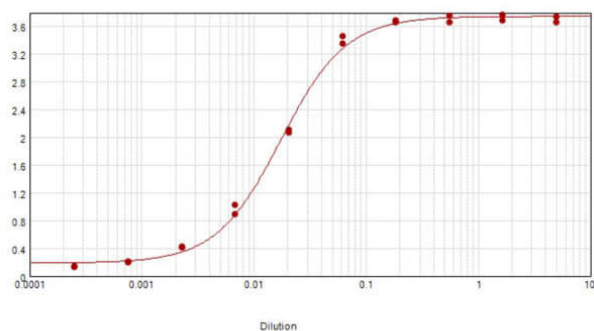
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	2.0 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) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



ELISA

ELISA results of purified ELISA of Donkey anti-Sheep IgG Antibody tested against purified Sheep IgG. Each well was coated in duplicate with 1.0 µg of Sheep IgG. 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. Assay performed using Blocking buffer MB-060-1000, Gt-a-Donkey IgG HRP conjugate 1:10,000, and TMB-8000 substrate.

Disclaimer

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