

Datasheet for 611-6102

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

Description:	Sheep Anti-Rabbit IgG (H&L) Antibody - 611-6102
Item No.:	611-6102
Size:	2 mg
Applications:	ELISA, WB
Reactivity:	Rabbit
Host Species:	Sheep

Product Details

Background:	RABBIT IgG (H&L) (SHEEP) Antibody generated in sheep detects specifically rabbit IgG whole molecule. Anti-rabbit IgG antibody is ideal for investigators involved in serum protein component research.
Synonyms:	Sheep Anti-Rabbit IgG, Rabbit Secondary Ab, anti-Rabbit IgG Antibody in Sheep
Host Species:	Sheep
Specificity:	IgG (H&L)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Rabbit
Immunogen:	Rabbit IgG whole molecule
Purity/Specificity:	Anti-RABBIT IgG (H&L) (SHEEP) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit 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-Sheep Serum, Rabbit IgG and Rabbit Serum.

Application Details

Tested Applications:	ELISA, WB
Application Note:	Anti-RABBIT IgG (H&L) (SHEEP) Antibody has been tested by ELISA and western blot and is suitable for 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.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:40,000 - 1:200,000
IHC:	1:2,000 - 1:10,000
WB:	1:4,000 - 1:20,000

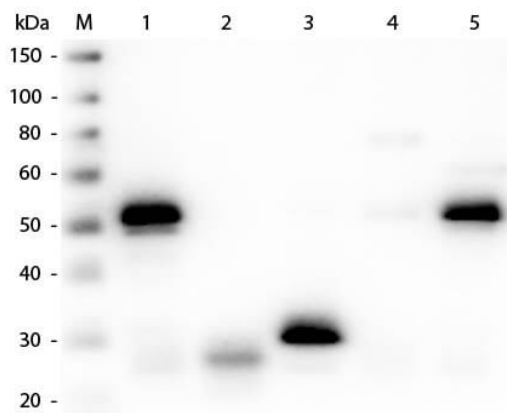
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	2.1 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



Western Blot

Western Blot of Anti-Rabbit IgG (H&L) (SHEEP) Antibody (Min X Hu, Gt, Ms Serum Proteins) (p/n 611-6102). Lane M: 3 μ l Molecular Ladder. Lane 1: Rabbit IgG whole molecule (p/n 011-0102). Lane 2: Rabbit IgG F(ab) Fragment (p/n 011-0105). Lane 3: Rabbit IgG F(c) Fragment (p/n 010-0103). Lane 4: Rabbit IgM Whole Molecule (p/n 011-0107). Lane 5: Normal Rabbit Serum (p/n B309). All samples were reduced. Load: 50 ng per lane. Block: MB-070 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG (H&L) (SHEEP) Antibody (Min X Hu, Gt, Ms Serum Proteins) (p/n 611-6102) 1:3,000 for 60 min at RT. Secondary antibody: Anti-Sheep IgG (DONKEY) Peroxidase Conjugated Antibody (p/n 613-703-168) 1:40,000 in MB-070 for 30 min at RT. Predicted/Observed Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.

References

- Yuanxiang Huang et al. Edaravone Dexborneol Downregulates Neutrophil Extracellular Trap Expression and Ameliorates Blood-Brain Barrier Permeability in Acute Ischemic Stroke. *Mediators Inflamm.* (2022)

Disclaimer

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