

## Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302

**Code:** 610-4302

**Size:** 2 mg

**Product Description:** Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302

**Concentration:** 2.0 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Lyophilized

<b>Label</b>	Peroxidase (Horseradish)
<b>Host</b>	Rabbit
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Stabilizer</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Preservative</b>	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
<b>Storage Condition</b>	Store mouse second antibody conjugate at 4° C prior to restoration. For extended storage aliquot antibody 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.
<b>Synonyms</b>	hrp mouse antibody, anti mouse igg hrp, conjugated secondary antibody
<b>Application Note</b>	When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment
<b>Background</b>	Mouse secondary antibody conjugated to horseradish peroxidase is available in a variety of formats. Anti-IgG Secondary Antibody conjugate is Suitable for western blot, ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
<b>Purity And Specificity</b>	HRP Secondary Antibody Conjugate was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Mouse IgG and Mouse Serum.
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:50,000 - 1:300,000
<b>Immunohistochemistry</b>	1:500 - 1:2,500
<b>WESTERN BLOT</b>	1:1,000 - 1:5,000
<b>IHC</b>	1:500 - 1:2,500
<b>OTHER ASSAYS</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	Mouse IgG whole molecule

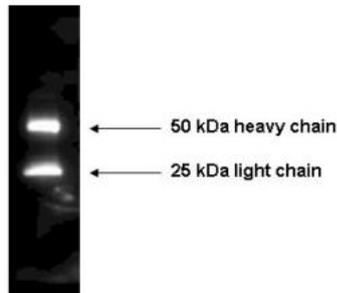
### Related Products

611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50
MB-064-1000	ELISA Microwell Blocking Buffer with Stabilizer (Azide and Mercury Free) - MB-064-1000

### Related Links

### Images

Conjugated detecting mouse IgG. Mouse IgG (1.0 mg) was separated on a 4-20% gradient gel and then transferred to Whatman Protran BA 85 nitrocellulose (0.45  $\mu$ m pore size), and blocked with 5% BLOTTO (p/n B501-0500) o/n at 4° C. The membrane was then probed with a 1:2,500 dilution of HRP Rb-a-Mouse IgG [H&L] (p/n 610-4302) for 45 min at RT. FemtoMax Super Sensitive Chemiluminescent HRP Substrate (p/n FEMTOMAX-110). Was added and the image was captured using a BioSpectrum Imaging System with a BioChemi 500 -28C cooled 4.0 Megapixel CCD Camera from UVP (www.uvp.com, Upland, CA). Binning: 5X5. Exposure time: 2 min. Aperture open. No emission or excitation filters used.



#### Disclaimer

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