

## Product Datasheet

### Mouse IgG (H&L) Secondary Antibody Peroxidase Conjugated Pre-Adsorbed (orb347432)

<b>Catalog Number</b>	orb347432
<b>Description</b>	MOUSE IgG (H&L) antibody (Peroxidase)
<b>Species/Host</b>	Goat
<b>Reactivity</b>	Mouse
<b>Conjugation</b>	HRP
<b>Tested Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Mouse IgG whole molecule
<b>Preservatives</b>	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	2.0 mg/mL
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Application notes</b>	Mouse secondary antibody conjugated to peroxidase is available in a variety of formats. Anti-Mouse IgG Peroxidase Antibody has been tested by ELISA and is suitable for ELISA, Immunohistochemistry western blotting as well as other Horseradish Peroxidase HRP antibody based assays.
<b>Isotype</b>	IgG

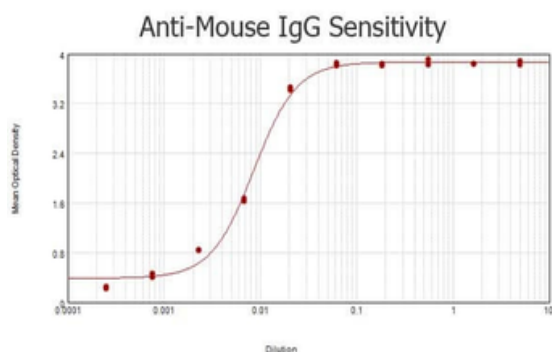
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<b>Clonality</b>	Polyclonal
<b>Antibody Type</b>	Secondary Antibody
<b>Purity</b>	HRP Mouse Secondary Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Mouse IgG and Mouse Serum. No reaction was observed against Human Serum Proteins.
<b>Dilution Range</b>	ELISA: 1:20,000 - 1:80,000, IHC: 1:1,000 - 1:8,000, WB: 1:4,000 - 1:20,000
<b>Expiration Date</b>	12 months from date of receipt.



ELISA results of purified Goat anti-Mouse IgG Antibody Peroxidase Conjugated (Min x Human Serum Proteins) tested against purified Mouse IgG. Each well was coated in duplicate with 1.0 µg of Mouse IgG (p/n orb346219). The starting dilution of antibody was 5 µg/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 3% fish gelatin and TME ELISA Peroxidase Substrate (p/n orb348651).

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