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## Anti-mouse IgG Antibody

**Subcategory:** Goat Polyclonal Antibody, HRP-conjugated Antibody, Secondary Antibody

**Cat. No.:** 250137

**Unit:** 1 mg

**Description:**

This antibody recognizes the mouse gamma heavy chain in IgG and is coupled to horseradish peroxidase (HRP) for applications in ELISA, Western blot and IHC. The anti-serum is preadsorbed against human serum proteins and affinity purified using a column coupled with mouse IgG. The purified antibody is then labeled with peroxidase by using a modified periodate coupling protocol.

**Isotype:** Goat Ig

**Applications:** E, IHC, WB

**Species Reactivity:** M

**Format:** Each vial contains 1 mg IgG in 0.5 ml (2 mg/ml) of PBS pH7.2, 1% BSA with 0.01% gentamicin sulfate. Antibody was purified by antigen-affinity chromatography.

**Alternate Names:** Immunoglobulin G, type g heavy chain

**Antigen:** Purified mouse IgG

**Application Notes:** E: 1:50,000; WB: 1:4,000; IHC: 1:1,000

**Storage:** Store at -20°C. Minimize freeze-thaw cycles.

Product is guaranteed one year from the date of shipment.

**Product Citations:** [1] Zhu C et al. 2012. Biomedical and Life Sciences. Pathology & Oncology Research. 19(1):19-26. PMID# 22692503. [2] Shen A et al. 2011. Journal of Surgical Oncology. Research Article. 105(8): 830-834. PMID# 22213004. [3] Meratan A et al. 2011. Journal of Molecular Biology. 409(5):826-838. PMID# 21565199. [4] Harahuchi K et al. 2011. Journal of Biomaterials Science. Polymer Edition. 22(18):2389-2406. PMID# 21118632. [5] Patel R et al. 2011. American Heart Association. Arteriosclerosis, Thrombosis and Vascular Biology 31:2007-2014. PMID# 21817102. [6] Zuo KQ et al. 2010. Journal of International Medical Research. 38(4):1428-1435. PMID# 20926015. [7] Sung D et al. 2009. Langmuir. 25(19):11289-11294. PMID# 19739621.

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