

Rabbit Anti-Mouse IgG3 Secondary Antibody-HRP (7Z583)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	HRP
Clone:	7Z583
Purification:	Protein A

Applications

Verified Activity:	<p>1. ELISA of mouse immunoglobulins shows Rabbit Anti-Mouse IgG3 Secondary Antibody (HRP), Rabbit MAb reacts only to mouse IgG3. No cross reactivity with Mouse IgG1, IgG2a, IgG2b, IgM, Rabbit IgG, Human IgG. The plate was coated with 0.1 µg/mL of different mouse immunoglobulins. 0.5 µg/mL of Rabbit Anti-Mouse IgG3 Secondary Antibody (HRP), Rabbit MAb was used as secondary antibody.</p> <p>2. Immunohistochemical analysis of PFA-fixed paraffin-embedded human liver tissue sections, with VEGF primary antibody (1/500) for 1 hours at 37°C. An HRP-conjugated Rabbit Anti-Mouse IgG3 Secondary Antibody (1/6400) was used as the secondary antibody. (Validation Experiment)</p> <p>3. Immunohistochemical analysis of PFA-fixed paraffin-embedded human prostate tissue sections, with KRT7 primary antibody (1/200) for 1 hours at 37°C. An HRP-conjugated Rabbit Anti-Mouse IgG3 Secondary Antibody (1/3200) was used as the secondary antibody. (Validation Experiment)</p> <p>4. Anti-ENO3 mouse monoclonal antibody at 1:1000 dilution.</p> <ul style="list-style-type: none">-Lane A: HepG2 Whole Cell Lysate.-Lane B: HeLa Whole Cell Lysate.-Lysates/proteins at 30 µg per lane.-Secondary-Rabbit Anti-Mouse IgG3/HRP at 1/10000 dilution.-Developed using the ECL technique.-Performed under reducing conditions.-Predicted band size:47 kDa.-Observed band size:47 kDa. (Validation Experiment)
Application:	ELISA,IHC-P,WB
Recommended	WB: 0.05-0.5 µg/mL; ELISA: 0.1-1 µg/mL; IHC-P: 0.1-2.5 µg/mL

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free. Keep away from direct sunlight.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein: Mouse IgG3 Protein

Antigen Species: Mouse

Synonyms: IGHG3

Research Background

IGHG3 (Immunoglobulin Heavy Constant Gamma 3 (G3m Marker), also known as IgG3) is a Protein Coding gene. Ig gamma-3 chain C region is a protein that in humans is encoded by the IGHG3 gene. Immunoglobulins, also known as antibodies, are membrane-bound or secreted glycoproteins produced by B lymphocytes. In the recognition phase of humoral immunity, the membrane-bound immunoglobulins serve as receptors which, upon binding of a specific antigen, trigger the clonal expansion and differentiation of B lymphocytes into immunoglobulins-secreting plasma cells. Murine immunoglobulin G (IgG) plays an important role in mediating protective immune responses to malaria. Diseases associated with IGHG3 include Heavy Chain Disease and Gamma Heavy Chain Disease. Among its related pathways are IL4-mediated signaling events and the Creation of C4 and C2 activators.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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