

Product Datasheet

Mouse IgG1 antibody (orb347364)

Description

Mouse IgG1 antibody

Species/Host

Goat

Reactivity

Mouse

Conjugation

Unconjugated

Tested

DOT, ELISA, IHC, WB

Applications
Immunogen

Mouse IgG1 heavy chain

Preservatives

0.01% (w/v) Sodium Azide

Form/Appearance

Liquid (sterile filtered)

Concentration

1.20 mg/mL

Storage

Store vial at 4° C prior to opening. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage, mix with an equal volume of glycerol, aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.

Note

For research use only

Application notes

Anti-Mouse IgG1 secondary antibody has been tested by ELISA and dot blot and is suitable for ELISA, Immunohistochemistry western blotting as well as other anti IgG1 antibody based assays.

Isotype

IgG

Clonality

Polyclonal

Purity

Anti-Mouse IgG1 antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG1 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-Goat Serum, Mouse Serum, Mouse IgG and Mouse IgG1. No reaction was observed against Bovine, Human, and Rabbit Serum Proteins. Specificity was confirmed by ELISA for human and rabbit. For IgG2a, IgG2b and IgG3 reactivity was less than 5% against target (IgG1, IgG). Cross-reactivity against Bovine is assessed only by IEP.

Dilution Range

ELISA: 1:40,000 - 1:200,000, IHC: 1:2,000 -

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