

HRP-conjugated Donkey anti-Mouse IgG (H+L)

Catalog No.: AS033**9 Publications**

Basic Information

Observed MW

25kDa(Light chain),55kDa(Heavy chain)
/36kDa

Calculated MW

Category

Secondary Antibodies

Applications

WB, IHC-P, ELISA

Cross Reactivity

Mouse

Background

Secondary antibodies are affinity-purified antibodies which will work with target-specific primary antibody in the detection, sorting or purification of its specified target. Secondary antibodies offer increased versatility enabling users to use many detection systems (e.g. HRP, AP, fluorescence). They can also provide greater sensitivity through signal amplification as multiple secondary antibodies. Most commonly, secondary antibodies are generated by immunizing the host animal (different from host species of primary antibody) with a pooled population of normal immunoglobulins from the host species of primary antibody and can be further purified and modified (i.e. antibody fragmentation, label conjugation, etc.) to ensure well-characterized specificity to corresponding normal immunoglobulins.

Recommended Dilutions

WB 1:10000 - 1:20000**IHC-P** 1:500 - 1:1000

ELISA

Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

Swiss-Prot

Immunogen

This information is considered to be commercially sensitive.

Synonyms

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Donkey

Isotype

Horseradish
peroxidase conjugated
IgG

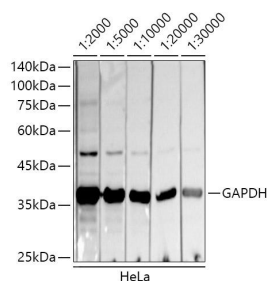
Purity

Affinity purification

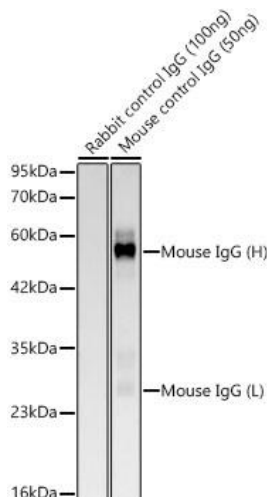
Storage

Store at -20°C

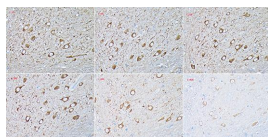
Validation Data



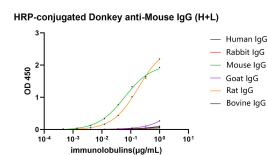
Western blot analysis of lysates from HeLa cells, using GAPDH antibody as the primary antibody.
 Secondary antibody: HRP Donkey Anti-Mouse IgG (H+L)(AS033) at 1:10000 dilution.
 Lysates/proteins: 25 µg per lane.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 20s.



Western blot analysis of recombinant Mouse control IgG Protein using HRP Donkey Anti-Mouse IgG (H+L)(AS033) at 1:10000 dilution.
 Blocking buffer: 3% nonfat dry milk in TBST.
 Detection: ECL Basic Kit (RM00020).
 Exposure time: 20s.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using HRP Donkey Anti-Mouse IgG (H+L) (AS033) at dilution of 1:20 - 1:800 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Dose response curve of HRP-conjugated Donkey anti-Mouse IgG (H+L) measured by ELISA. 1 µg/mL of various immunoglobulins were coated to 384-well plate. The coated plate was blocked and subsequently incubated with 25 µL of HRP conjugated in a 3 fold serial dilution from 1 µg/mL to 4.57×10^{-4} µg/mL, incubation was performed at room temperature for 1 hour. The ELISA result demonstrated that HRP-conjugated Donkey anti-Mouse IgG (H+L) has highly specific recognition of Mouse IgG and Rat IgG while no or minimal cross reactivity to Human IgG, Rabbit IgG, Bovine IgG, Goat IgG.