

Rabbit anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, HRP

Product Details	
Size	1 mL
Species Reactivity	Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Secondary Antibody
Conjugate	HRP
Form	Lyophilized
Concentration	0.8 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.6, with 15mg/mL BSA
Contains	no preservative
Storage conditions	4° C
RRID	AB_228423

Applications	Tested Dilution	Publications
Western Blot (WB)	1:10,000-1:200,000	1 Publication
Immunohistochemistry (IHC)	1:500-1:5,000	-
Immunocytochemistry (ICC/IF)	1:500-1:5,000	-
ELISA (ELISA)	1:5,000-1:100,000	-

Product Specific Information

Concentration may vary slightly from lot-to-lot, see lot-specific datasheet for exact concentration.

Product # 31452 has been successfully used in Western blot, and ICC applications.

Antibody Specificity: This antibody reacts with the heavy chains on mouse IgG and with light chains on most mouse immunoglobulins based on immunoelectrophoresis. No antibody was detected against non-immunoglobulin serum proteins. The antibody has been tested by ELISA and/or solid-phase adsorbed to ensure minimal cross-reaction with human serum proteins. However, this antibody may cross-react with immunoglobulins from other species.

Restoration and Storage: Store product at 4°C until opened. Restore with 1.0 mL distilled water (0.8 mg/mL after restoration). Centrifuge product if it is not completely clear after standing for 1-2 hours at room temperature. To judge clarity, draw product into a pasteur pipette. Product may be stored for several weeks at 4°C as an undiluted liquid. After dilution, do not use for more than one day.

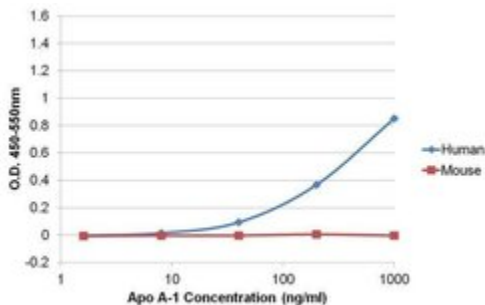
To extend the shelf-life of this product, add an equal volume of glycerol to make a final concentration of approximately 50% glycerol and store at -20°C.

Country of Origin: USA

Product Images For Rabbit anti-Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody, HRP

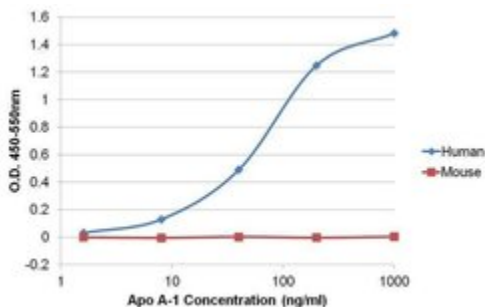
Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (31452) in ELISA

Sandwich ELISA of Apolipoprotein A-1 was performed by coating wells of a 96-well plate with 100 μ L of an Apo A-1 Recombinant Rabbit Polyclonal Antibody (Product # 710263) diluted to a concentration of 1 μ g/mL in carbonate/bicarbonate buffer (Product # 28382) overnight at 4C. Wells were blocked with 150 μ L of StartingBlock T20 (TBS) Blocking Buffer (Product # 37543) for 30 minutes, and 80 μ L of recombinant human Apo A-1 (Product # 10686-H02H-50) or recombinant mouse Apo A-1 (Product # 50918-M02H-50) was added to the plate at concentrations ranging from 1.6-1000 ng/mL and incubated for 1 hour at room temperature. The plate was washed with 1X TBST (Product # 28360), and 100 μ L per well of an Apo A-1 Mouse Monoclonal Antibody (Product # MA5-14670) was added to each well for 1 hour at room temperature. The plate was washed, and 100 μ L per well of an HRP-conjugated Rabbit anti-Mouse IgG cross-adsorbed secondary antibody (Product # 31452) was incubated for 30 minutes at room temperature. Detection was performed using 1-Step Ultra TMB Substrate (Product # 34028), followed by Stop Solution (Product # N600). Absorbances were read on a spectrophotometer at 450-550 nm.



Mouse IgG (H+L) Cross-Adsorbed Secondary Antibody (31452) in ELISA

Sandwich ELISA of Apolipoprotein A-1 was performed by coating wells of a 96-well plate with 100 μ L of an Apo A-1 Rabbit Recombinant Monoclonal Antibody (Product # 701239) diluted to a concentration of 1 μ g/mL in carbonate/bicarbonate buffer (Product # 28382) overnight at 4C. Wells were blocked with 150 μ L of StartingBlock T20 (TBS) Blocking Buffer (Product # 37543) for 30 minutes, and 80 μ L of recombinant human Apo A-1 (Product # 10686-H02H-50) or recombinant mouse Apo A-1 (Product # 50918-M02H-50) was added to the plate at concentrations ranging from 1.6-1000 ng/mL and incubated for 1 hour at room temperature. The plate was washed with 1X TBST (Product # 28360), and 100 μ L per well of an Apo A-1 mouse monoclonal antibody (Product # MIA1404) was added to each well for 1 hour at room temperature. The plate was washed, and 100 μ L per well of an HRP-conjugated rabbit anti-mouse IgG cross-adsorbed secondary antibody (Product # 31452) was incubated for 30 minutes at room temperature. Detection was performed using 1-Step Ultra TMB Substrate (Product # 34028), followed by Stop Solution (Product # N600). Absorbances were read on a spectrophotometer at 450-550 nm.



1 Reference

Western Blot (1)

Experimental and molecular pathology

The expression pattern of aldehyde dehydrogenase 1 (ALDH1) is an independent prognostic marker for low survival in colorectal tumors.

"31452 was used in western blot to study the prognostic value of the immunohistochemical expression pattern of the cancer stem cell marker ALDH1 in colorectal cancer"

Authors: Vogler T, Kriegl L, Horst D, Engel J, Sagebiel S, Schöffauer AJ, Kirchner T, Jung A

Species
Not Applicable

Dilution
1:10,000

Year
2012

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