10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

H2-Q10 Rabbit pAb

H2-Q10 Rabbit pAb
Catalog # AP94415

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	P01898
Reactivity	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37251
Physical State	Liquid
Immunogen	Recombinant mouse H2-Q10 protein
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Membrane; Single-pass type I membrane protein
SIMILARITY	Belongs to the MHC class I family.
SUBUNIT	Heterodimer of an alpha chain and a beta chain (beta-2-microglobulin).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Additional Information

Gene ID	15007
Other Names	H-2 class I histocompatibility antigen, Q10 alpha chain, H2-Q10
Dilution	WB=1:500-2000,IHC-P=1:400-800,IHC-F=1:400-800,IF=1:100-500,Flow-Cyt=1ug /Test
Format	0.01M TBS(pH7.4) with 1% BSA, 0.09% (W/V) sodium azide and 50% Glyce
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

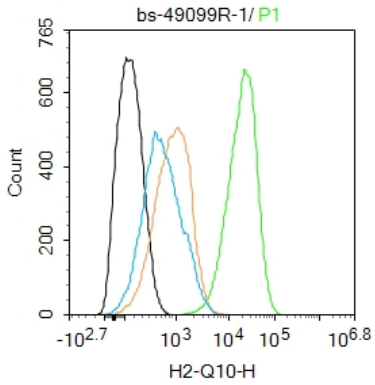
Protein Information

Name	H2-Q10
Function	Involved in the presentation of foreign antigens to the immune system.
Cellular Location	Membrane; Single-pass type I membrane protein.

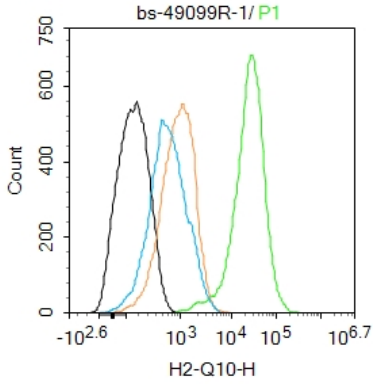
Background

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

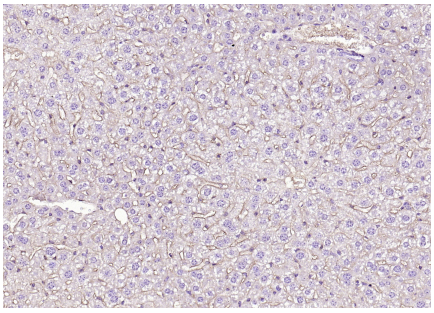
Images



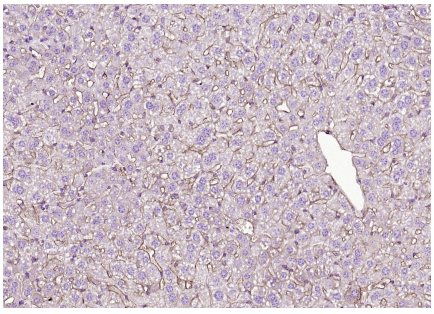
Blank control:Raw264.7. Primary Antibody (green line): Rabbit Anti- H2-Q10 antibody (AP94415) Dilution: 1ug/Test; Secondary Antibody (green line) : Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Negative control(white blue line)：PBS Isotype control(orange line)：Normal Rabbit IgG Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



Blank control:Raw264.7. Primary Antibody (green line): Rabbit Anti-H2-Q10 antibody (AP94415) Dilution: 1ug/Test; Secondary Antibody (green line) : Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Negative control(white blue line)：PBS Isotype control(orange line)：Normal Rabbit IgG Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.



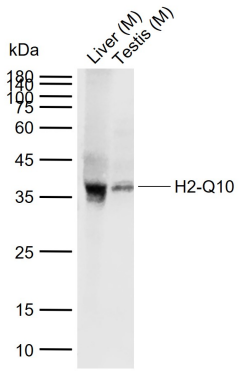
Paraformaldehyde-fixed, paraffin embedded (mouse liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (H2-Q10) Polyclonal Antibody, Unconjugated (AP94415) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (H2-Q10) Polyclonal Antibody, Unconjugated (AP94415) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

Sample: Lane 1: Mouse Liver tissue lysates Lane 2: Mouse Testis tissue lysates Primary: Anti-H2-Q10 (AP94415) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 37 kDa

Observed band size: 37 kDa



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.