H-2 class I histocompatibility antigen, D-D alpha chain Polyclonal Antibody

Catalog No: #42638

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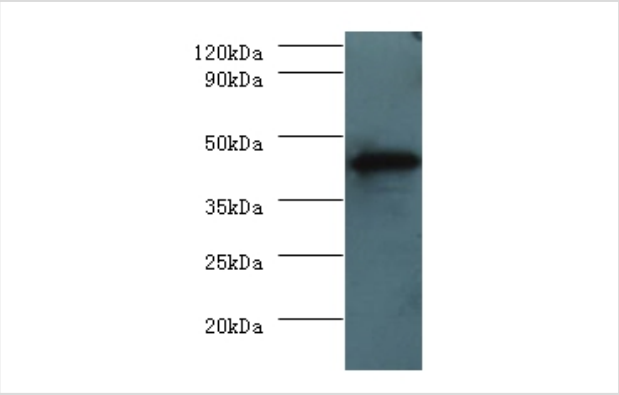
Description

Product Name	H-2 class I histocompatibility antigen, D-D alpha chain Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total H-2 class I histocompatibility antigen, D-D alpha chain polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant Mouse H-2 class I histocompatibility antigen, D-D alpha chain protein
Target Name	H-2 class I histocompatibility antigen, D-D alpha chain
Other Names	H-2D(D), H2-D1
Accession No.	Swiss-Prot#: P01900
Uniprot	P01900
Calculated MW	41kd
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

Application Details

Western blotting: 1:500 - 1:1000

Images



All lanes: H-2 class I histocompatibility antigen, D-D alpha chain antibody at 2ug/ml+mouse spleen tissue
secondary
Goat polyclonal to rabbit at 1/10000 dilution
predicted band size :41kDa
observed band size :41kDa

Background

Involved in the presentation of foreign antigens to the immune system.

References

[1]"The crystal structure of H-2Dd MHC class I complexed with the HIV-1-derived peptide P18-I10 at 2.4-A resolution: implications for T cell and NK cell recognition."Achour A., Persson K., Harris R.A., Sundbaeck J., Sentman C.L., Lindqvist Y., Schneider G., Kaerre K.Immunity 9:199-208(1998). [2]"The phagosomal proteome in interferon-gamma-activated macrophages."Trost M., English L., Lemieux S., Courcelles M., Desjardins M., Thibault P.Immunity 30:143-154(2009). [3]"Amino acid sequence of cyanogen bromide fragment CN-C (residues 24-98) of the mouse histocompatibility antigen H-2Dd. A comparison of the amino-terminal 100 residues of H-2Dd, Dd, Kd, and Kb reveals discrete areas of diversity."Nairn R., Nathenson S.G., Coligan J.E.Biochemistry 20:4739-4745(1981).

Note: This product is for in vitro research use only