

Rabbit H2-Ab1 Polyclonal Antibody | anti-H2-Ab1 antibody

H2-Ab1 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281985	Rabbit	Human, Mouse, Rat	ELISA, Immunofluorescence, Immunohistochemistry, Western Blot

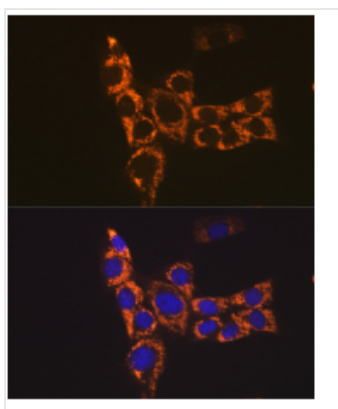
PRODUCT SYNONYMS

H2-Ab1; Polyclonal Antibody; H2-Ab1 Rabbit pAb; AI845868; Abeta; H-2Ab; H2-Ab; I-Abeta; IAb; Ia-2; Ia2; Rmcs1; anti-H2-Ab1 antibody

PRODUCT SPECIFICATIONS

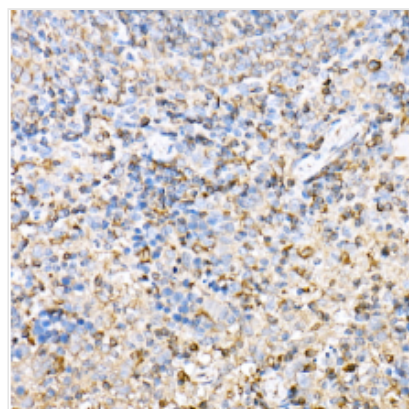
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH 7.3
Applicable Applications for anti-H2-Ab1 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 30-219 of mouse H2-Ab1 (NP_996988.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



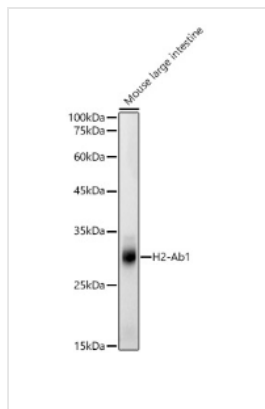
IF (Immunofluorescence)

Immunofluorescence analysis of NIH-3T3 cells using H2-Ab1 Rabbit pAb (AAA281985) at dilution of 1:100 (40x lens). Secondary antibody: Cy3- conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Mouse spleen using H2-Ab1 Rabbit pAb (AAA281985) at dilution of 1:50 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



WB (Western Blot)

Western blot analysis of lysates from Mouse large intestine, using H2-Ab1 Rabbit pAb (AAA281985) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 20s

ADDITIONAL INFORMATION

Related Product Information for anti-H2-Ab1 antibody

Enables several functions, including peptide antigen binding activity; protein antigen binding activity; and toxic substance binding activity. Involved in several processes, including B cell affinity maturation; cellular response to interferon-gamma; and positive regulation of T-helper 1 type immune response. Acts upstream of or within antigen processing and presentation of exogenous peptide antigen via MHC class II and immune response. Located in Golgi apparatus; endosome; and external side of plasma membrane. Is integral component of membrane. Part of MHC class II protein complex. Is expressed in lung; metanephros; and thymus primordium. Orthologous to human HLA-DQB2 (major histocompatibility complex, class II, DQ beta 2).

NCBI AND UNIPROT INFORMATION

NCBI GI #	122268
NCBI GeneID	14961
UniProt Accession #	P06345; P01921; P06342; P06343; P06344; P06346; P14483
Molecular Weight	Observed MW: 30kDa Calculated MW: 30kDa
NCBI Official Full Name	H-2 class II histocompatibility antigen, A-S beta chain
NCBI Official Synonym Full Names	histocompatibility 2, class II antigen A, beta 1
NCBI Official Symbol	H2-Ab1
NCBI Official Synonym Symbols	IAb; Ia2; Ia-2; Abeta; H-2Ab; H2-Ab; Rmcs1; I-Abeta; AI845868
NCBI Protein Information	histocompatibility 2, class II antigen A, beta 1
UniProt Protein Name	H-2 class II histocompatibility antigen, A-S beta chain
UniProt Gene Name	H2-Ab1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/h2-ab1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281985>