Leader in Biomolecular Solutions for Life Science

www.abclonal.com

H2-Ab1 Rabbit pAb

Catalog No.: A18658SP 6 Publications

Basic Information

Observed MW
30 kDa

Calculated MW
30 kDa

Category
Primary antibody

Applications
WB,IF-P

Cross-Reactivity
Mouse

Background

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).

Recommended Dilutions

WB	1:2000 - 1:5000
IF-P	1:200 - 1:400

Immunogen Information

Gene ID
14961

Swiss Prot
P06345

Immunogen
This information is considered to be commercially sensitive.

Synonyms
IAb; Ia2; Ia-2; Abeta; H-2Ab; H2-Ab; Rmcs1; I-Abeta; H2-Ab1

Contact

400-999-6126

cn.market@abclonal.com.cn

www.abclonal.com.cn

Product Information

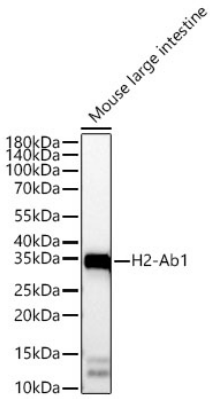
Source
Rabbit

Isotype
IgG

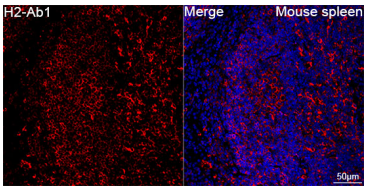
Purification
Affinity purification

Storage
Store at -20℃

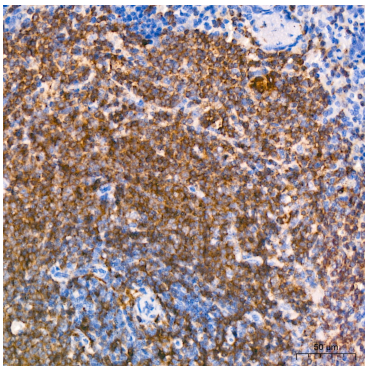
Validation Data



Western blot analysis of lysates from Mouse large intestine using H2-Ab1 Rabbit pAb (A18658SP) at 1:4000 dilution incubated overnight at 4℃.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) 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: 60s.



Confocal imaging of paraffin-embedded Mouse spleen tissue using H2-Ab1 Rabbit pAb (A18658SP, dilution 1:200) followed by a further incubation with Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Immunohistochemistry analysis of paraffin-embedded Mouse spleen tissue using H2-Ab1 Rabbit pAb (A18658SP) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.