

A22196

Leader in Biomolecular Solutions for Life Science



CD225/IFITM1 Rabbit mAb

Catalog No.: A22196

Recombinant

Basic Information

Observed MW

15kDa

Calculated MW

14kDa

Category

SMab Recombinant Monoclonal Antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human

CloneNo number

ARC55317

Background

Interferon-induced transmembrane (IFITM) proteins are a family of interferon induced antiviral proteins. The family contains five members, including IFITM1, IFITM2 and IFITM3 that belong to the CD225 superfamily. The protein encoded by this gene restricts cellular entry by diverse viral pathogens, such as influenza A virus, Ebola virus and Sars-CoV-2.

Recommended Dilutions

WB	1:2000 - 1:20000
IHC-P	1:50 - 1:200
IF/ICC	1:50 - 1:200

Immunogen Information

Gene ID

8519

Swiss Prot

P13164

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-80 of human CD225/IFITM1 (NP_003632.4).

Synonyms

9-27; CD225; IFI17; LEU13; DSPA2a; CD225/IFITM1

Contact



www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

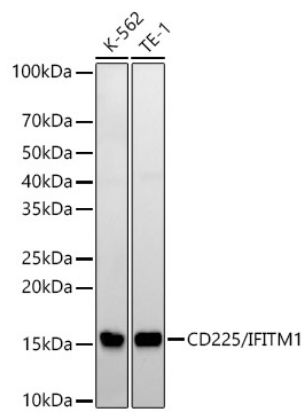
Affinity purification

Storage

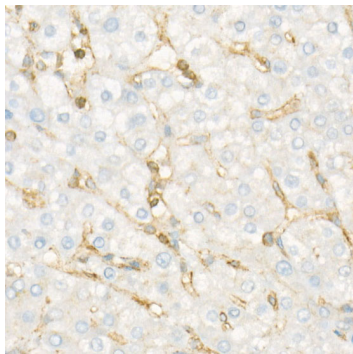
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

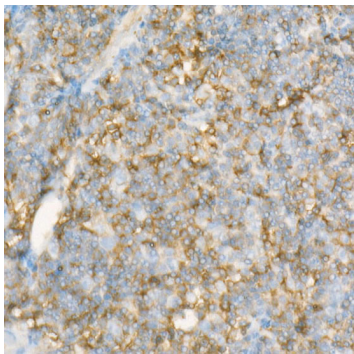
Validation Data



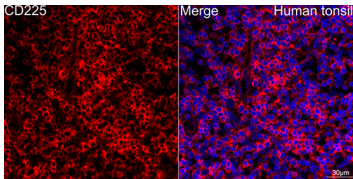
Western blot analysis of various lysates, using CD225/IFITM1 Rabbit mAb (A22196) at 1:20000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 30s.



Immunohistochemistry analysis of CD225/IFITM1 in paraffin-embedded human liver cancer using CD225/IFITM1 Rabbit mAb (A22196) at dilution of 1:100(40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Immunohistochemistry analysis of CD225/IFITM1 in paraffin-embedded human tonsil using CD225/IFITM1 Rabbit mAb (A22196) at dilution of 1:100(40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



Confocal imaging of human tonsil using CD225/IFITM1 Rabbit mAb (A22196,at dilution of 1:100) (Red). DAPI was used for nuclear staining (blue). Objective: 40x. Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IF staining protocol.