

Rabbit anti-Human CD69 Monoclonal Antibody | anti-CD69 antibody

CD69 Rabbit PolymAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28586	Rabbit	Human	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry, ELISA

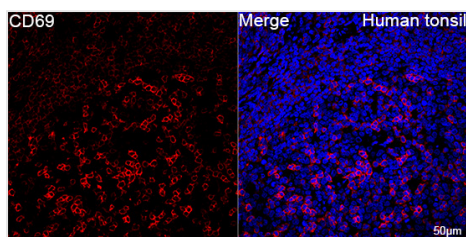
PRODUCT SYNONYMS

CD69; Monoclonal Antibody; CD69 Rabbit PolymAb; AIM; EA1; MLR-3; CLEC2C; GP32/28; BL-AC/P26; anti-CD69 antibody

PRODUCT SPECIFICATIONS

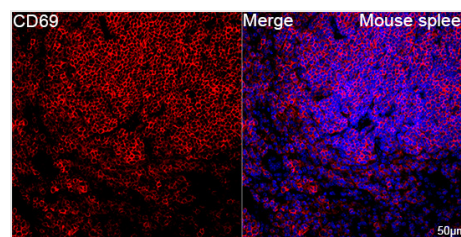
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	SVGQYNCPGQ YTFSMPSDSH VSSCEDWVG YQRKCYFIST VKRSWTS AQN ACSEHGATLA VIDSEKDMNF LKRYAGREEH WVGLKKEPGH PWKWSNGKEF NNWFNVTGSD KCVFLKNTEV SSMECEKNLY WICKNPYK
Applicable Applications for anti-CD69 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry), ELISA
Application Notes	WB: 1:2500-1:10000 IHC-P: 1:200-1:800 IF/ICC: 1:200-1:800 ELISA: Recommended starting concentration is 1ug/mL. Please optimize the concentration based on your specific assay requirements.
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 62-199 of human CD69 (NP_001772.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



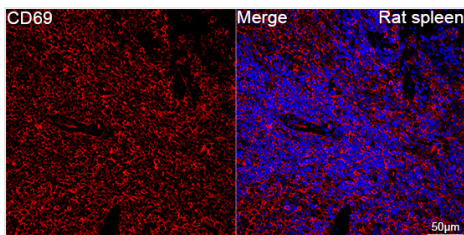
ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Human tonsil tissue using CD69 Rabbit PolymAb® (AAA28586, dilution 1:200) followed by a further incubation with Cy3 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.



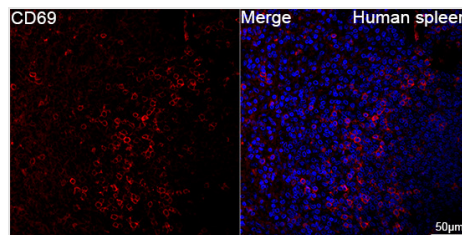
ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Mouse spleen tissue using CD69 Rabbit PolymAb® (AAA28586, dilution 1:200) followed by a further incubation with Cy3 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.



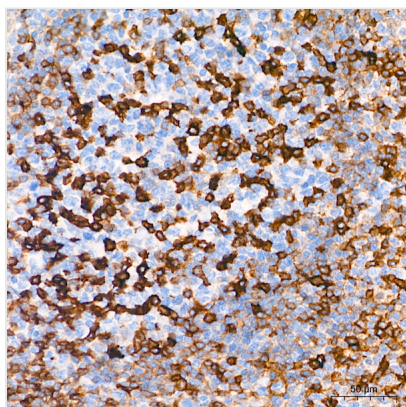
ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Rat spleen tissue using CD69 Rabbit PolymAb® (AAA28586, dilution 1:200) followed by a further incubation with Cy3 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.



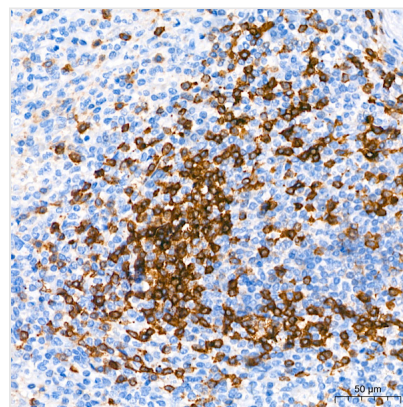
ICC (Immunocytochemistry)

Confocal imaging of paraffin-embedded Human spleen tissue using CD69 Rabbit PolymAb® (AAA28586, dilution 1:200) followed by a further incubation with Cy3 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.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human tonsil tissue using CD69 Rabbit PolymAb® (AAA28586) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.



IHC (Immunohistochemistry)

Immunohistochemistry analysis of paraffin-embedded Human spleen tissue using CD69 Rabbit PolymAb® (AAA28586) at a dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer(pH 9.0) prior to IHC staining.

ADDITIONAL INFORMATION

Related Product Information for anti-CD69 antibody	This gene encodes a member of the calcium dependent lectin superfamily of type II transmembrane receptors. Expression of the encoded protein is induced upon activation of T lymphocytes, and may play a role in proliferation. Furthermore, the protein may act to transmit signals in natural killer cells and platelets.
Product Categories/Family for anti-CD69 antibody	Immunology Inflammation ; CDs ; Stem Cells ; Hematopoietic Progenitors ; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	584906
NCBI GeneID	969
UniProt Accession #	Q07108
Molecular Weight	Calculated MW: 23kDa Observed MW: 25-40kDa
UniProt Protein Name	Early activation antigen CD69
UniProt Gene Name	CD69
UniProt Synonym Gene Names	CLEC2C; AIM
UniProt Entry Name	CD69_HUMAN

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.

