

Rabbit anti-Human CD101 Polyclonal Antibody | anti-CD101 antibody

Anti-CD101 Antibody Picoband

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA126484	Rabbit	Human	ELISA, Immunohistochemistry

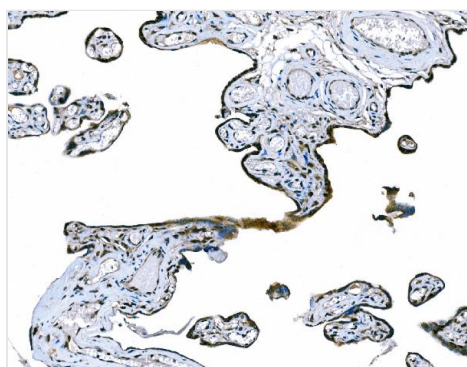
PRODUCT SYNONYMS

CD101; Polyclonal Antibody; Anti-CD101 Antibody Picoband; anti-CD101 antibody

PRODUCT SPECIFICATIONS

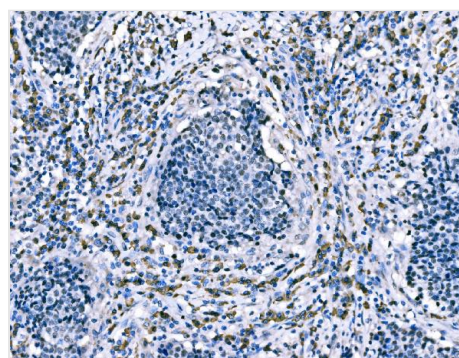
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml. (varies by lot)
Applicable Applications for anti-CD101 antibody	ELISA, IHC (Immunohistochemistry)
Reconstitution	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Immunogen	E Coli-derived human CD101 recombinant protein (Position: E53-A904).
Preparation and Storage	Store at -20 degree C for one year from date of receipt. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for six months. Avoid repeated freezing and thawing.

IMAGES



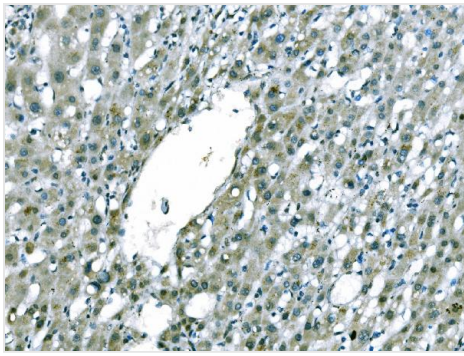
IHC (Immunohistochemistry)

Figure 4. IHC analysis of CD101 using anti-CD101 antibody (AAA126484). CD101 was detected in a paraffin-embedded section of human placenta tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-CD101 Antibody (AAA126484) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



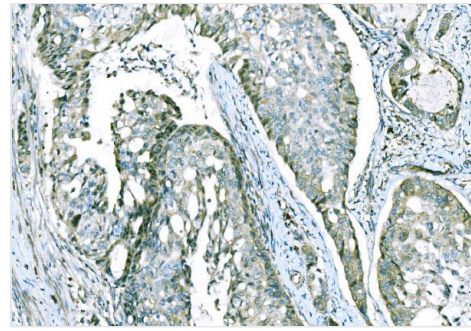
IHC (Immunohistochemistry)

Figure 3. IHC analysis of CD101 using anti-CD101 antibody (AAA126484). CD101 was detected in a paraffin-embedded section of human lung cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-CD101 Antibody (AAA126484) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 2. IHC analysis of CD101 using anti-CD101 antibody (AAA126484). CD101 was detected in a paraffin-embedded section of human liver cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-CD101 Antibody (AAA126484) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.



IHC (Immunohistochemistry)

Figure 1. IHC analysis of CD101 using anti-CD101 antibody (AAA126484). CD101 was detected in a paraffin-embedded section of human adenocarcinoma of the right colon tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 2 ug/ml rabbit anti-CD101 Antibody (AAA126484) overnight at 4 degree C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37 degree C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit with DAB as the chromogen.

ADDITIONAL INFORMATION

Related Product Information for anti-CD101 antibody	Immunoglobulin superfamily, member 2 (IGSF2) also known as CD101 (Cluster of Differentiation 101), is a human gene. Predicted to enable hydrolase activity, acting on carbon-nitrogen (but not peptide) bonds, in cyclic amides. Predicted to be involved in cell surface receptor signaling pathway. Predicted to act upstream of or within positive regulation of myeloid leukocyte differentiation. Located in extracellular exosome.
Product Categories/Family for anti-CD101 antibody	Primary Antibodies , Rabbit Polyclonal Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	368711306
NCBI GeneID	9398
NCBI Accession #	NP_001243035.1
NCBI GenBank Nucleotide #	NM_001256106.2
UniProt Accession #	Q93033 ; Q15856
Molecular Weight	115,109 Da
NCBI Official Full Name	immunoglobulin superfamily member 2 isoform 1
NCBI Official Synonym Full Names	CD101 molecule
NCBI Official Symbol	CD101
NCBI Official Synonym Symbols	V7; IGSF2; EWI-101
NCBI Protein Information	immunoglobulin superfamily member 2; cell surface glycoprotein V7; glu-Trp-Ile EWI motif-containing protein 101; leukocyte surface protein
UniProt Protein Name	Immunoglobulin superfamily member 2
UniProt Gene Name	CD101
UniProt Synonym Gene Names	EWI101; IGSF2; V7; IgSF2; EWI-101
UniProt Entry Name	IGSF2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd101-antibody-immunohistochemistry-elisa/126484>