

Rabbit CD151 Polyclonal Antibody | anti-CD151 antibody

CD151 antibody - C-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA201207	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat	Western Blot, Immunohistochemistry

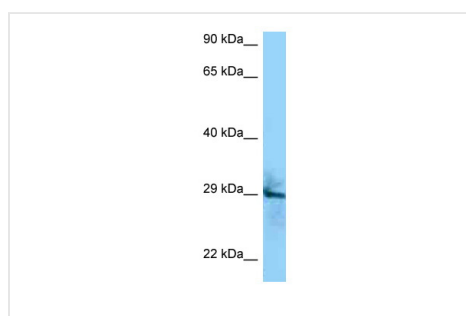
PRODUCT SYNONYMS

CD151; Polyclonal Antibody; CD151 antibody - C-terminal region; anti-CD151 antibody

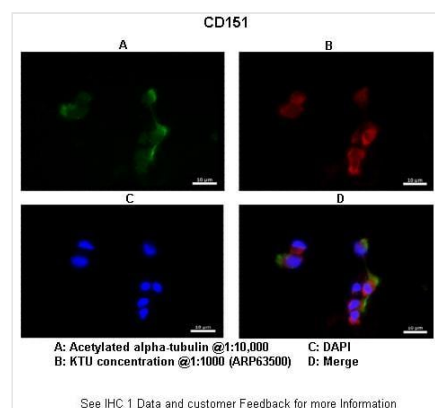
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: HC CGSNNSQDWR DSEWIRSQEA GGRVVPDSCC KTVVALCGQR DHASNIYK
Sequence Length	253
Applicable Applications for anti-CD151 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 86%; Dog: 100%; Guinea Pig: 86%; Horse: 100%; Human: 100%; Mouse: 93%; Pig: 100%; Rat: 100%
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-CD151 Antibody Titration: 1.0 ug/ml Positive Control: A549 Whole Cell CD151 is supported by BioGPS gene expression data to be expressed in A549


IHC (Immunohistochemistry)

Sample Type: Human nasal epithelial cells Application: IHC Species+tissue/cell type: Human nasal epithelial cells Primary antibody dilution: 1:1000 Secondary antibody: Goat anti-rabbit Alexa Fluor 546 Secondary antibody dilution: 1:1000

ADDITIONAL INFORMATION

Related Product Information for anti-CD151 antibody	This is a rabbit polyclonal antibody against CD151. It was validated on Western Blot Target Description: The protein encoded by this gene is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It is involved in cellular processes including cell adhesion and may regulate integrin trafficking and/or function. This protein enhances cell motility, invasion and metastasis of cancer cells. Multiple alternatively spliced transcript variants that encode the same protein have been described for this gene.
Product Categories/Family for anti-CD151 antibody	Polyclonal; Various

NCBI AND UNIPROT INFORMATION

NCBI GI #	21237751
NCBI GeneID	977
NCBI Accession #	NP_620599
NCBI GenBank Nucleotide #	NM_139030
UniProt Accession #	P48509
Molecular Weight	28kDa
NCBI Official Full Name	CD151 antigen
NCBI Official Synonym Full Names	CD151 molecule (Raph blood group)
NCBI Official Symbol	CD151
NCBI Official Synonym Symbols	GP27; MER2; RAPH; SFA1; PETA-3; TSPAN24
NCBI Protein Information	CD151 antigen
UniProt Protein Name	CD151 antigen
UniProt Gene Name	CD151
UniProt Synonym Gene Names	TSPAN24; PETA-3; Tspan-24
UniProt Entry Name	CD151_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/cd151-antibody-western-blot-immunohistochemistry-elisa/201207>