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anti-CD151 antibody (AA 113-221)



Images

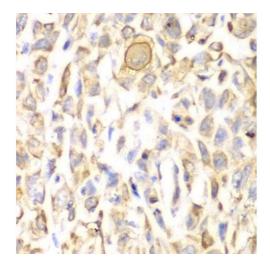


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Quantity:	100 μL	
Target:	CD151	
Binding Specificity:	AA 113-221	
Reactivity:	Human	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This CD151 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC)	
Product Details		
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 113-221 of human CD151 (NP_001034579.1).	
Sequence:	AYYQQLNTEL KENLKDTMTK RYHQPGHEAV TSAVDQLQQE FHCCGSNNSQ DWRDSEWIRS QEAGGRVVPD SCCKTVVALC GQRDHASNIY KVEGGCITKL ETFIQEHLR	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Characteristics:	Polyclonal Antibodies	
	Affinity purification	

Target Details

Target:	CD151		
Alternative Name:	CD151 (CD151 Products)		
Background:	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.,CD151,GP27,MER2,PETA-3,RAPH,SFA1,TSPAN24,Signal Transduction,Cell Biology &		
	Developmental Biology,Cell Adhesion,Cell Adhesion Molecules,Cytoskeleton,Immunology &		
	Inflammation,CD markers,CD151		
Molecular Weight:	28 kDa		
Gene ID:	977		
UniProt:	P48509		
Application Details			
Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200		
Restrictions:	For Research Use only		
Handling			
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.		
Preservative:	Sodium azide		
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which		
	should be handled by trained staff only.		
Storage:	-20 °C		
	Store at -20°C. Avoid freeze / thaw cycles.		



70KD 70KD 55KD 40KD 35KD - CD151 25KD 15KD 60kDa 45kDa 35kDa 35kDa-

-CD151

25kDa-

15kDa-

Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human lung cancer using CD151 antibody (ABIN3023660, ABIN3023661, ABIN3023662, ABIN1679069 and ABIN6219074) at dilution of 1:200 (40x lens).Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using CD151 antibody.

Western Blotting

Image 3. Western blot analysis of extracts of Rat uterus, using CD151 antibody (ABIN3023660, ABIN3023661, ABIN3023662, ABIN1679069 and ABIN6219074) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) 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: 90s.

Please check the product details page for more images. Overall 4 images are available for ABIN3023661.