

For Research Use Only

CD151 Polyclonal antibody

Catalog Number: 27816-1-AP

1 Publications



Basic Information

Catalog Number: 27816-1-AP	GenBank Accession Number: BC001374	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 ug/ml by Nanodrop;	GeneID (NCBI): 977	Recommended Dilutions: WB 1:1000-1:4000 IHC 1:250-1:1000
Source: Rabbit	UNIPROT ID: P48509	
Isotype: IgG	Full Name: CD151 molecule (Raph blood group)	
Immunogen Catalog Number: AG25968	Calculated MW: 28 kDa	
	Observed MW: 30 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB, IHC	WB : mouse heart tissue, rat heart tissue
Species Specificity: Human, mouse, rat	IHC : human ovary tumor tissue, human stomach cancer tissue
Cited Species: human	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

CD151 (also known as TSPAN24) is a membrane protein of the tetraspanin superfamily, which are characterized by the presence of four conserved transmembrane regions. Many of these members are involved in the regulation of cell development, activation, growth and motility. CD151 is broadly expressed by a variety of cell types. It is involved in cellular processes including cell adhesion and may regulate integrin trafficking and/or function. CD151 enhances cell motility, invasion and metastasis of cancer cells.

Notable Publications

Author	Pubmed ID	Journal	Application
Fan Li	39294214	Sci Rep	WB,IHC

Storage

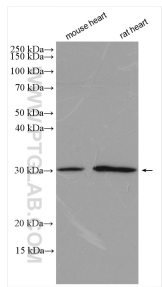
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

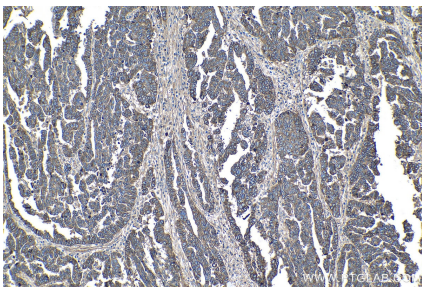
For technical support and original validation data for this product please contact:
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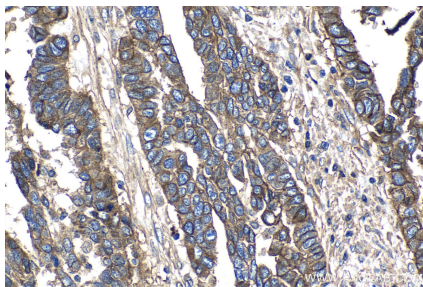
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27816-1-AP (CD151 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 27816-1-AP (CD151 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human ovary tumor tissue slide using 27816-1-AP (CD151 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).