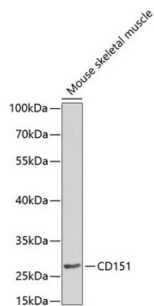
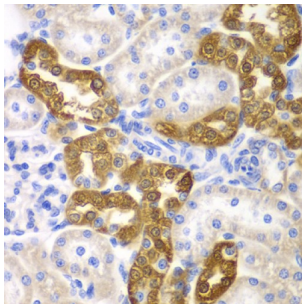


CD151 Antigen (CD151) Antibody

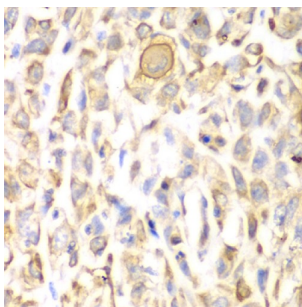
Catalogue No.: abx001576



Western blot analysis of extracts of Mouse skeletal muscle using CD151 Antibody (1/1000 dilution).



Immunohistochemistry of paraffin-embedded Rat kidney using CD151 Antibody (1/200 dilution, 40x lens).



Immunohistochemistry of paraffin-embedded Human lung cancer using CD151 Antibody (1/200 dilution, 40x lens).

CD151 Antigen (CD151) Antibody is a Rabbit Polyclonal antibody against CD151 Antigen (CD151). 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.

Target: CD151 Antigen (CD151)

Clonality: Polyclonal

Reactivity: Human, Mouse, Rat

Tested Applications: WB, IHC

Datasheet

Version: 3.0.0
Revision date: 29 May 2025



Host:	Rabbit
Recommended dilutions:	WB: 1/500 - 1/2000, IHC-P: 1/50 - 1/200. Not tested in IHC-F. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein corresponding to human CD151
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P48509 (UniProt , ExPASy)
Gene Symbol:	CD151
GeneID:	977
NCBI Accession:	NP_001034579.1
KEGG:	hsa:977
String:	9606.ENSP00000380565
Molecular Weight:	Calculated MW: 28 kDa Observed MW: 28 kDa
Buffer:	PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.
Concentration:	1 mg/ml
Note:	THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.