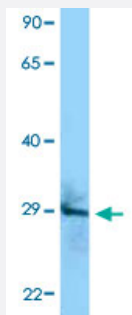


CD151 polyclonal antibody

Catalog # PAB29946

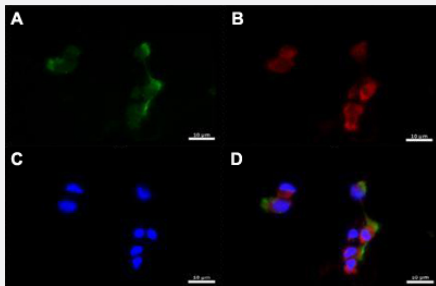
Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of A549 cell lysate with CD151 polyclonal antibody (Cat # PAB29946) at 1 ug/mL working concentration.



Immunofluorescence

Immunofluorescent staining of human nasal epithelial cells with CD151 polyclonal antibody (Cat # PAB29946) at 1:100 dilution.

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of human CD151.
Immunogen	A synthetic peptide corresponding to C-terminus of human CD151.
Sequence	HCCGSNNSQDWRDSEWIRSQEAGGRVVPDSCCKTVVALCGQRDHASNIYK
Host	Rabbit
Theoretical MW (kDa)	28
Reactivity	Human
Form	Liquid

Purification	Affinity purification
Recommend Usage	Immunofluorescence (1:100) Western Blot (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (2% sucrose, 0.09% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

Western Blot analysis of A549 cell lysate with CD151 polyclonal antibody (Cat # PAB29946) at 1 ug/mL working concentration.

- Immunofluorescence

Immunofluorescent staining of human nasal epithelial cells with CD151 polyclonal antibody (Cat # PAB29946) at 1:100 dilution.

Gene Info — CD151

Entrez GeneID	977
GeneBank Accession#	NM_139030
Protein Accession#	NP_620599;P48509
Gene Name	CD151
Gene Alias	GP27, MER2, PETA-3, RAPH, SFA1, TSPAN24
Gene Description	CD151 molecule (Raph blood group)
Omim ID	179620 602243 609057
Gene Ontology	Hyperlink

Gene Summary

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. [provided by RefSeq]

Other Designations

CD151 antigen|CD151 antigen (Raph blood group)|OTTHUMP00000164434|hemidesmosomal tetraspanin CD151|membrane glycoprotein SFA-1|platelet surface glycoprotein gp27|platelet-endothelial cell tetraspan antigen 3