

Datasheet for ABIN2789524
anti-CD151 antibody (C-Term)



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2 Images

Overview

Quantity:	100 µL
Target:	CD151
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD151 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Sequence:	HCCGSNNSQD WRDSEWIRSQ EAGGRVVPDS CCKTVVALCG QRDHASNIYK
Predicted Reactivity:	Cow: 86%, Dog: 100%, Guinea Pig: 86%, Horse: 100%, Human: 100%, Mouse: 93%, Pig: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against CD151. It was validated on Western Blot.
Purification:	Affinity Purified

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

Target Details

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.

Alias Symbols: GP27, MER2, PETA-3, RAPH, SFA1, TSPAN24

Protein Interaction Partner: GRAMD1C, UBC, ITGA3, PTGFRN, MMP7, ITGA6, ITGB1, CD46, CD82,

Protein Size: 253

Molecular Weight: 28 kDa

Gene ID: 977

NCBI Accession: [NM_139030](#), [NP_620599](#)

UniProt: [P48509](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 253 AA

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

Preservative: Sodium azide

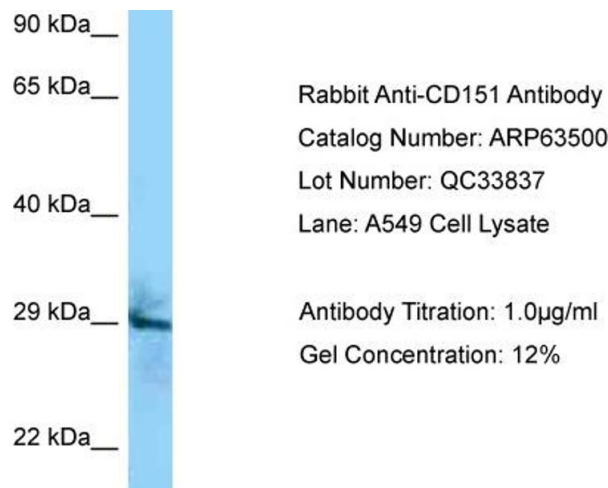
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Handling

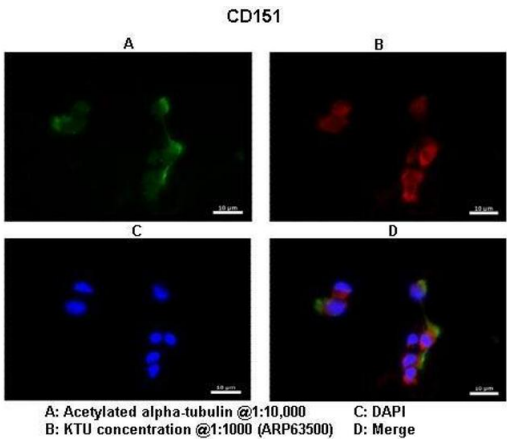
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1.



Immunohistochemistry

Image 2. 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: 1:0000

See IHC 1 Data and customer Feedback for more Information