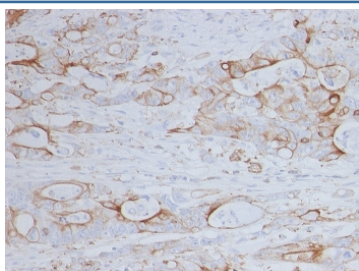


CD151 Antibody [clone 11G5a] (V8526)

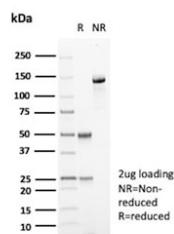
Catalog No.	Formulation	Size
V8526-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8526-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8526SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	11G5a
Purity	Protein G affinity chromatography
UniProt	P48509
Localization	Cell surface
Applications	Flow Cytometry : 1-2ug/million cells Immunofluorescence : 1-2ug/ml Western Blot : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 minutes at RT
Limitations	This CD151 antibody is available for research use only.



IHC staining of FFPE human colon with CD151 antibody (clone 11G5a). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free CD151 antibody (clone 11G5a) as confirmation of integrity and purity.

Description

CD151 is involved in a wide variety of cell biological processes, including cell adhesion and the transport of integrins via vesicles. The human CD151 gene maps to chromosome 11p15.5 and encodes a 253 amino acid protein, which belongs to the tetraspan (4TM) superfamily. CD151 can associate with several integrin chains including 1, 3, 4, 3/ 1 can bind. CD151 can enhance cell motility, invasion and metastasis of cancer cells in a focal adhesion kinase dependent manner.

Application Notes

Optimal dilution of the CD151 antibody should be determined by the researcher.

Storage

Store the CD151 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).