Recombinant CD31 Antibody RMCD31-1 / Rabbit Monoclonal [clone RMCD31-1] (V7214)

Catalog No.	Formulation	Size
V7214-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7214-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7214SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V7214IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

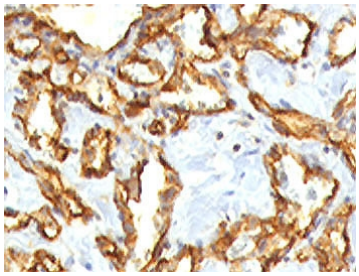
Recombinant RABBIT MONOCLONAL

Bulk quote request

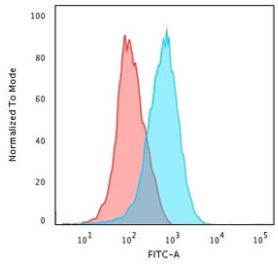
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	RMCD31-1
Purity	Protein A affinity
Gene ID	5175
RRID	AB_3752866
Localization	Cell surface and cytoplasmic
Applications	Western blot: 1-2ug/ml Flow cytometry: 1-2ug/10^6 cells Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT Prediluted IHC only format: incubate for 30 min at RT (1)
Limitations	This Recombinant CD31 Antibody RMCD31-1 is available for research use only.



Recombinant CD31 Antibody RMCD31-1 WB Analysis. Western blot testing of human ThP1 cell lysate with recombinant CD31 antibody (clone RMCD31-1). Expected molecular weight: 83-130 kDa depending on level of glycosylation.



IHC staining of FFPE human angiocarcinoma with recombinant CD31 antibody (clone RMCD31-1). HIER: steam sections in 1mM EDTA, pH 9, for 10-20 min.



Flow cytometry testing of PFA-fixed human Jurkat cells with recombinant CD31 antibody (clone RMCD31-1); Red=isotype control, Blue= recombinant CD31 antibody.

Description

CD31 is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. It is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation. [RefSeq]

For a Protein Microarray Validated monoclonal antibody with CD31 as the primary designation, see our CD31 Antibody PECAM1/3527 / PECAM-1 Monoclonal Antibody.

Application Notes

Titering of the Recombinant CD31 Antibody RMCD31-1 may be required for optimal performance.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

A full length recombinant human protein was used as the immunogen for the Recombinant CD31 Antibody RMCD31-1.

Storage

Store the Recombinant CD31 Antibody RMCD31-1 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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