VEGFR2 Antibody KDR721 / Mouse Monoclonal [clone KDR721] (V2166)

Catalog No.	Formulation	Size
V2166-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2166-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2166SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	KDR721
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
Gene ID	3791
Localization	Cytoplasmic and cell surface
Applications	Flow cytometry: 0.5-1ug/10^6 cells Immunofluorescence: 0.5-1ug/ml Functional studies (order BSA/sodium azide-free format)
Limitations	This VEGFR2 Antibody KDR721 is available for research use only.



Description

VEGFR2 (also called CD309, KDR3, and Flk-1) is a type I transmembrane glycoprotein and is mainly expressed by endothelial cells, embryonic tissues, and megakaryocytes. As a receptor for VEGF proteins, it plays an important role in the regulation of angiogenesis, vasculogenesis, and vascular permeability.

For another antibody targeting the same receptor, see our VEGFR2 Antibody / KDR Polyclonal Antibody.

Application Notes

Variations in protocols, secondaries and substrates may require the VEGFR2 Antibody KDR721 to be titered for optimal performance.

Immunogen

Recombinant human VEGFR2 protein was used as the immunogen for this VEGFR2 Antibody KDR721.

Storage

Store the VEGFR2 Antibody KDR721 at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

Alternate Names

CD309; Fetal liver kinase 1 (FLK-1); KDR; Kinase insert domain receptor; KRD1; Ly73; Vascular endothelial growth factor receptor 2, VEGFR2 antibody

References (2)

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