



Anti-KDR monoclonal antibody, clone 02303 (DCABY-4023)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	View VEGF R2 IHC images.
Specificity	Detects mouse VEGF R2 in Western blots.
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse VEGF R2. Ala20-Glu762 Accession Number P35918
Isotype	IgG2a
Source/Host	Rat
Species Reactivity	Mouse
Clone	02303
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair), Neutralization
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied.

1 month from date of receipt, 2 to 8 °C, reconstituted.
6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

Gene Name	Kdr kinase insert domain protein receptor [Mus musculus (house mouse)]
Official Symbol	KDR
Synonyms	KDR; kinase insert domain protein receptor; Flk1; Ly73; Flk-1; Krd-1; VEGFR2; VEGFR-2; sVEGFR-2; 6130401C07; vascular endothelial growth factor receptor 2; kinase NYK; VEGF receptor-2; fetal liver kinase 1; protein-tyrosine kinase receptor flk-1; vascular
Entrez Gene ID	16542
Protein Refseq	NP_034742
UniProt ID	Q8VCD0
Chromosome Location	5 C3.3; 5 40.23 cM
Pathway	Cytokine-cytokine receptor interaction; Endocytosis; Extracellular matrix organization; Focal adhesion; Id Signaling Pathway; Integrin cell surface interactions; Neurophilin interactions with VEGF and VEGFR; PI3K-Akt signaling pathway;
Function	ATP binding; growth factor binding; integrin binding; kinase activity; nucleotide binding; protein binding; protein kinase activity; protein tyrosine kinase activity; transferase activity; transferase activity, transferring phosphorus-containing groups; t