

Anti-VEGFR2/Flk-1 (phospho-Y1214) KDR Antibody

Catalog Number: A00901Y1214

About KDR

Calcium-binding chaperone that promotes folding, oligomeric assembly and quality control in the endoplasmic reticulum (ER) via the calreticulin/calnexin cycle. This lectin interacts transiently with almost all of the monoglucosylated glycoproteins that are synthesized in the ER. Interacts with the DNA-binding domain of NR3C1 and mediates its nuclear export. Involved in maternal gene expression regulation. May participate in oocyte maturation via the regulation of calcium homeostasis By similarity.

McCauliffe D.P., J. Clin. Invest. 85:1379-1391(1990).
Rokeach L.A., J. Immunol. 147:3031-3039(1991).
McCauliffe D.P., J. Biol. Chem. 267:2557-2562(1992).

Overview

Product Name	Anti-VEGFR2/Flk-1 (phospho-Y1214) KDR Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-VEGFR2/Flk-1 (phospho-Y1214) KDR Antibody catalog # A00901Y1214. Tested in WB,IHC,ICC/IF applications. This antibody reacts with Human,Mouse,Rat.
Application	IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P35968

Technical Details

Immunogen	Synthesized peptide derived from human Flk-1 around the phosphorylation site of Y1175.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:500-1:1000 IHC: 1:50-1:200 ICC/IF: 1:50-1:200

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