

Anti-Phospho-Flk-1 (Y1175) KDR Antibody

Catalog Number: A00901Y1175-1

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-Phospho-Flk-1 (Y1175) KDR Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-Flk-1 (Y1175) KDR Antibody catalog # A00901Y1175-1. Tested in ELISA, IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IHC, WB
Clonality	Polyclonal
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
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.
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 1:500-1:2000 IHC 1:100-1:300 ELISA 1:10000

Anti-Phospho-Flk-1 (Y1175) KDR Antibody (A00901Y1175-1) Images

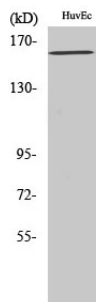


Figure 1. Western blotting validation for Anti-Phospho-Flk-1 (Y1175) KDR Antibody A00901Y1175-1

Western Blot (WB) analysis of specific cells using Phospho-Flk-1 (Y1175) polyclonal antibody. Electrophoresis was performed on a SDS-PAGE gel. To determine SDS-PAGE gel concentration

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Phospho-Flk-1 (Y1175) KDR Antibody