

For Research Use Only

# VEGFR2/KDR Recombinant antibody, PBS Only (Detector)

Catalog Number: 83049-1-PBS



## Basic Information

<b>Catalog Number:</b> 83049-1-PBS	<b>GenBank Accession Number:</b> NM_002253	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug, Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 3791	<b>CloneNo.:</b> 230238C8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P35968-1	<b>Affinity:</b> $K_D = 2.50 \times 10^{-9}M$
<b>Isotype:</b> IgG	<b>Full Name:</b> kinase insert domain receptor (a type III receptor tyrosine kinase)	$K_{Off} = 2.61 \times 10^{-4}M$ $K_{On} = 1.04 \times 10^5M$
	<b>Calculated MW:</b> 152kd	

## Applications

**Tested Applications:**  
Cytometric bead array, Indirect ELISA

**Species Specificity:**  
human

## Product Information

83049-1-PBS targets VEGFR2/KDR as part of a matched antibody pair.

MP00012-2: 83049-2-PBS capture and 83049-1-PBS detection (validated in Cytometric bead array)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

## Storage

**Storage:**  
Store at  $-80^{\circ}C$ .

**Storage Buffer:**  
100% PBS pH 7.3

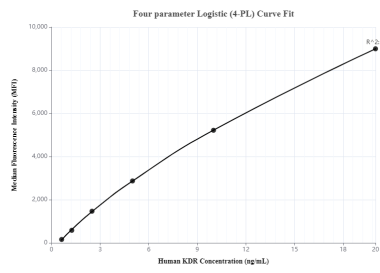
For technical support and original validation data for this product please contact:

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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Cytometric bead array standard curve of MP00012-2, KDR Recombinant Matched Antibody Pair - PBS only. Capture antibody: 83049-2-PBS. Detection antibody: 83049-1-PBS. Standard: Eg0218. Range: 0.625-20 ng/mL.