

## ROBO4 Polyclonal Antibody

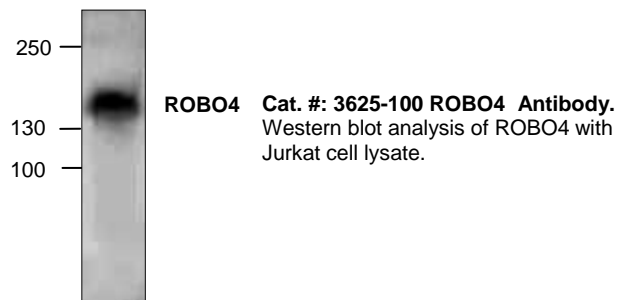
<b>CATALOG NO:</b>	3625-30T      30 µg (Trial size) 3625-100      100 µg
<b>IMMUNOGEN:</b>	Synthetic peptide surrounding amino acid 322 of rat ROBO4
<b>INTERNAL ID#:</b>	BV-K100
<b>HOST:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human
<b>ALTERNATIVE NAMES:</b>	UNQ421/PRO3674,    ECSM4,    FLJ20798,    MGC133352, MGC133353, MRB
<b>FORMULATION:</b>	0.5mg/ml in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5 mM EDTA and 0.03% proclin
<b>STORAGE CONDITIONS:</b>	Store at -20° C. For long term, store at -70° C. Avoid repeated freeze/thaw cycles.

### DESCRIPTION:

ROBO4 contains two fibronectin type-III domains and two Ig-like C2-type domains. ROBO4 is predominantly expressed in vascular endothelium and is considered important for vascular development. ROBO4 is a receptor for Slit proteins and may mediate the inhibition of primary endothelial cell migration by Slit proteins.

### APPLICATION AND USAGE:

The antibody can be used in Western Blot (1-4 µg/ml). However, the optimal concentrations should be determined individually. Blocking peptide (Cat.# 3625BP-50) is available separately.



**FOR RESEARCH USE ONLY! Not to be used in humans.**

### RELATED PRODUCTS:

#### Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

#### Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

#### Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

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- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

#### Growth Factors and Cytokines