bs-18791R **[Primary Antibody]**

phospho-MERTK (Tyr749 + Tyr753 + Tyr754) Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 10461 **SWISS:** Q12866

Target: MERTK (Tyr749 + Tyr753 + Tyr754)

Immunogen: KLH conjugated synthesised phosphopeptide derived from human MERTK around the phosphorylation site of Tyr749 + Tyr753 + Tyr754: KI(p-Y)SGD(p-Y)(p-Y)RQ.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: The Major Facilitator Superfamily (MFS) is a large and diverse group of secondary transporters that includes uniporters, symporters, and antiporters. MFS proteins facilitate the transport across cytoplasmic or internal membranes of a variety of substrates including ions, sugar phosphates, drugs, neurotransmitters, nucleosides, amino acids, and peptides. They do so using the electrochemical potential of the transported substrates. Uniporters transport a single substrate, while symporters and antiporters transport two substrates in the same or in opposite directions, respectively, across membranes. Peptide-transporters 2 [solute carrier family 15 (H+/peptide transporter), member 2; SLC15A2; PEPT2 ; Oligopeptide transporter, kidney isoform ; Kidney H(+)/peptide cotransporter;].

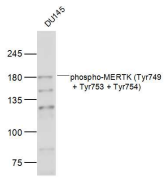
Applications: **WB** (1:500-2000)

Reactivity: Human (predicted: Mouse, Rat)

Predicted MW.: 180 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: DU145(Human) Cell Lysate at 30 ug
Primary: Anti-phospho-MERTK (Tyr749 + Tyr753 + Tyr754) (bs-18791R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 180 kD
Observed band size: 180 kD

SELECTED CITATIONS

- **[IF=17.694]** Zhuang Wan-Ru. et al. Bacterial outer membrane vesicle based versatile nanosystem boosts the efferocytosis blockade triggered tumor-specific immunity. NAT COMMUN. 2023 Mar;14(1):1-15 WB ;Mouse. 36966130
- **[IF=5.7]** Jingyi Wang. et al. A Disintegrin and Metalloproteinase 17 Disrupts Bovine Macrophage MER Proto-Oncogene Tyrosine Kinase Integrity to Impede Apoptotic Cell Clearance and Promote Inflammation in Clinical Mastitis. J AGR FOOD CHEM. 2024;XXXX(XXX):XXX-XXX ICC,WB ;Bovine. 39731564