

bs-18791R**[Primary Antibody]****phospho-MERTK (Tyr749 + Tyr753 + Tyr754)
Rabbit pAb****BioSS**
ANTIBODIES

www.bioss.com.cn

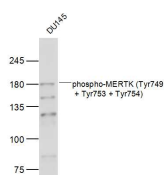
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human (predicted: Mouse, Rat)
GeneID: 10461	SWISS: Q12866	
Target: MERTK (Tyr749 + Tyr753 + Tyr754)		Predicted MW.: 180 kDa
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.		Subcellular Location: Cell membrane
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;].		

— 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 efferycytosis 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