bs-2504R **[Primary Antibody]**

ROS1 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 6098 **SWISS:** P08922

Target: ROS1

Immunogen: KLH conjugated synthetic peptide derived from human ROS1: 2231-2347/2347.

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: This proto-oncogene, highly-expressed in a variety of tumor cell lines, belongs to the sevenless subfamily of tyrosine kinase insulin receptor genes. The protein encoded by this gene is a type I integral membrane protein with tyrosine kinase activity. The protein may function as a growth or differentiation factor receptor. [provided by RefSeq, Jul 2008]

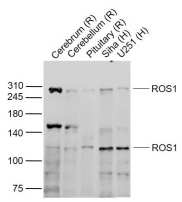
Applications: **WB** (1:500-2000)
Flow-Cyt (1ug/Test)

Reactivity: Human, Rat

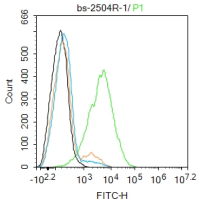
Predicted MW.: 258 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Lane 1: Cerebrum (Rat) Lysate at 40 ug Lane 2: Cerebellum (Rat) Lysate at 40 ug Lane 3: Pituitary (Rat) Lysate at 40 ug Lane 4: Siha (Human) Cell Lysate at 30 ug Lane 5: U251 (Human) Cell Lysate at 30 ug Primary: Anti-ROS1 (bs-2504R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 258 kD Observed band size: >250/110 kD



Blank control:THP-1. Primary Antibody (green line): Rabbit Anti-ROS1 antibody (bs-2504R) Dilution: 1µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-FITC Dilution: 0.5µg /test. Protocol The cells were incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[IF=8.079]** Wang, Ning. et al. Hypoxia drives hematopoiesis with the enhancement of T lineage through eliciting arterial specification of hematopoietic endothelial progenitors from hESC. STEM CELL RES THER. 2022 Dec;13(1):1-20 IF ;Mouse. 35765115