bs-23867R **[Primary Antibody]**

CD24 Rabbit pAb

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DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 100133941 **SWISS:** P25063

Target: CD24

Immunogen: KLH conjugated synthetic peptide derived from human CD24 : 35-80/80.

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 gene encodes a sialoglycoprotein that is expressed on mature granulocytes and B cells and modulates growth and differentiation signals to these cells. The precursor protein is cleaved to a short 32 amino acid mature peptide which is anchored via a glycosyl phosphatidylinositol (GPI) link to the cell surface. This gene was missing from previous genome assemblies, but is properly located on chromosome 6. Non-transcribed pseudogenes have been designated on chromosomes 1, 15, 20, and Y. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]

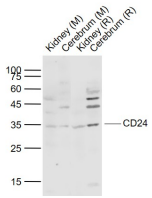
Applications: **WB** (1:500-2000)

Reactivity: Human, Mouse, Rat

Predicted MW.: 3/8 kDa

Subcellular Location: Cell membrane

VALIDATION IMAGES



Sample: Lane 1: Kidney (Mouse) Lysate at 40 ug Lane 2: Cerebrum (Mouse) Lysate at 40 ug Lane 3: Kidney (Rat) Lysate at 40 ug Lane 4: Cerebrum (Rat) Lysate at 40 ug Primary: Anti- CD24 (bs-23867R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 35 kD Observed band size: 35 kD

SELECTED CITATIONS

- **[IF=4.7]** Mingguang Shao. et al. Erythromycin Repurposing for Hepatocellular Carcinoma Treatment: Targeting CD24 to Enhance Anti-Tumor Immunity. EUR J PHARMACOL. 2025 Mar;:177457 WB ;Human,Mouse. 40057154
- **[IF=2.6]** Zhou Guanglei. et al. Cytotoxicity and cell migration evaluation of a strontium silicate-based root canal sealer on stem cells from rat apical papilla: an in vitro study. BMC ORAL HEALTH. 2024 Dec;24(1):1-10 IF ;Rat. 39215266