

bs-23035R**[Primary Antibody]****CD9 Rabbit pAb****BioSS**
ANTIBODIES

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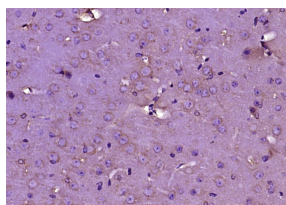
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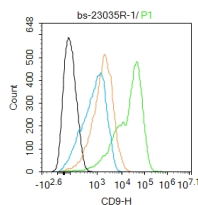
400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500)
Clonality: Polyclonal		IHC-F (1:100-500)
GeneID: 928	SWISS: P21926	IF (1:100-500)
Target: CD9		Flow-Cyt (1ug/Test)
Immunogen: KLH conjugated synthetic peptide derived from human CD9: 101-200/228. < Extracellular >		Reactivity: Human, Mouse (predicted: Rat, Rabbit, Sheep, Cow)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 25 kDa
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.		Subcellular Location: Cell membrane
Background: This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis. [provided by RefSeq, Jan 2011]		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (mouse brain tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CD9) Polyclonal Antibody, Unconjugated (bs-23035R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control: MCF-7. Primary Antibody (green line): Rabbit Anti-CD9 antibody (bs-23035R) Dilution: 1ug/Test; Secondary Antibody (green line): Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Negative control (white blue line): PBS Isotype control (orange line): Normal Rabbit IgG 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=12.9]** Song Yang. et al. Bio-orthogonal-labeled exosomes reveals specific distribution in vivo and provides potential application in ARDS therapy. *BIOMATERIALS*. 2025 Aug;319:123208 WB ;Human,Mouse. 40023928
- **[IF=6.304]** Chen Y et al. Dendritic cells-derived interferon-λ1 ameliorated inflammatory bone destruction through inhibiting osteoclastogenesis. *Cell Death Dis*. 2020 Jun 2;11(6):414. WB ;Mouse. 32488049
- **[IF=6.2]** Xiaoming Sun. et al. AS1411 binds to nucleolin via its parallel structure and disrupts the exos-miRNA-27a-mediated reciprocal activation loop between glioma and astrocytes. *BBA-MOL BASIS DIS*. 2024 May;:167211 WB

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

;Mouse,Human. 38701957