

bsm-52829R**[Primary Antibody]****Bioss**
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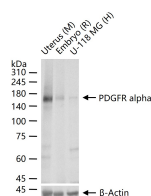
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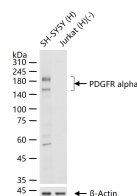
400-901-9800

PDGFR alpha Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) Reactivity: Human (predicted: Mouse, Rat) Predicted MW.: 117 kDa Observed MW.: 150-190 kDa Subcellular Location: Cell membrane
Clonality: Recombinant	CloneNo.: 5A1	
GeneID: 5156	SWISS: P16234	
Target: PDGFR alpha		
Immunogen: A synthesized peptide derived from human PDGFR alpha: 1050-1089.		
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 cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers. [provided by RefSeq, Mar 2012].		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with PDGFR alpha monoclonal antibody, unconjugated (bsm-52829R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



25 ug total protein per lane of various lysates (see on figure) probed with PDGFR alpha monoclonal antibody, unconjugated (bsm-52829R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

— SELECTED CITATIONS —

- **[IF=6.53]** Mei Zheng. et al. CXCL12 inhibits hair growth through CXCR4. BIOMED PHARMACOTHER. 2022 Jun;150:112996 IF ;Mouse. 35462338
- **[IF=1.1]** Han-Wen Ding. et al. Immunohistochemical and ultrastructural identification of telocytes in the infantile hemangioma. ULTRASTRUCT PATHOL. 2024 Oct 13 IHC ;Human. 39397344