

bsm-52829R**[Primary Antibody]****BioSS**
ANTIBODIES

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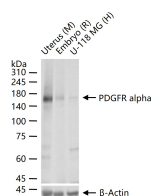
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PDGFR alpha Recombinant Rabbit mAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:1000-2000)
Clonality: Recombinant	CloneNo.: 5A1	Reactivity: Human, Mouse, Rat
GeneID: 5156	SWISS: P16234	
Target: PDGFR alpha		
Immunogen: A synthesized peptide derived from human PDGFR alpha: 1050-1089.		Predicted MW.: 117 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cell membrane
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.

— 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