

bs-3689R**[Primary Antibody]****IL3RB Rabbit pAb**

www.bioss.com.cn

sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: (predicted: Human, Mouse, Rat, Pig, Cow, Dog, Horse)
GeneID: 1439	SWISS: P32927	
Target: IL3RB		Predicted MW.: 97 kDa
Immunogen: KLH conjugated synthetic peptide derived from human GM-CSFR Beta: 441-540/897. < Cytoplasmic >		Subcellular Location: Cell membrane
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: GM-CSF Receptor Beta is the v subunit of the heterodimeric receptor for colony stimulating factor 2, a cytokine which controls the production, differentiation, and function of granulocytes and macrophages. The encoded protein is a member of the cytokine family of receptors. This gene is found in the pseudoautosomal region (PAR) of the X and Y chromosomes. Six transcript variants encoding five different isoforms have been found for this gene, with some of the isoforms being membrane-bound and others being soluble.		

— SELECTED CITATIONS —

- **[IF=4.739]** Zsiros V et al. Endocytosis of GM-CSF receptor β is essential for signal transduction regulating mesothelial-macrophage transition. Biochim Biophys Acta Mol Cell Res. 2019 Sep;1866(9):1450-1462. ICC, WB ; Rat. 31212003
- **[IF=4.4]** Jay Pundavela. et al. Granulocyte-Macrophage Colony Stimulating Factor Receptor Contributes to Plexiform Neurofibroma Initiation. CANCERS. 2025 Jan;17(5):905 IHC, IF ; Mouse. 40075752
- **[IF=2.452]** Chou YH et al. Erythropoietin modulates macrophages but not post-ischemic acute kidney injury in mice. (2018) J Formos Med Assoc. Nov 7. pii: S0929-6646(18)30506-0. IHC ; Mouse. 30414800