

bsm-54211R**[Primary Antibody]****BioSS**
ANTIBODIES

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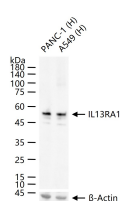
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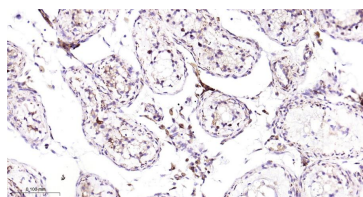
400-901-9800

IL13RA1 Recombinant Rabbit mAb**— DATASHEET —**

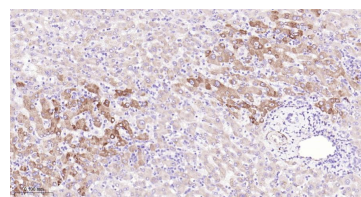
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Recombinant	CloneNo.: 1C1	
GeneID: 3597	SWISS: P78552	
Target: IL13RA1		
Immunogen: A synthesized peptide derived from human IL 13 receptor alpha 1: 50-101/427.		
Purification: affinity purified by Protein A		Reactivity: Human
Concentration: 1mg/ml		Predicted MW.: 47 kDa Subcellular Location: Cell membrane
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: The protein encoded by this gene is a subunit of the interleukin 13 receptor. This subunit forms a receptor complex with IL4 receptor alpha, a subunit shared by IL13 and IL4 receptors. This subunit serves as a primary IL13-binding subunit of the IL13 receptor, and may also be a component of IL4 receptors. This protein has been shown to bind tyrosine kinase TYK2, and thus may mediate the signaling processes that lead to the activation of JAK1, STAT3 and STAT6 induced by IL13 and IL4. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with IL13RA1 monoclonal antibody, unconjugated (bsm-54211R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with IL13RA1 Monoclonal Antibody, Unconjugated(bsm-54211R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Liver; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with IL13RA1 Monoclonal Antibody, Unconjugated(bsm-54211R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

— SELECTED CITATIONS —

- **[IF=2.9]** Akina Mori. et al. Enhancement of cigarette smoke extract-induced goblet cell metaplasia and hyperplasia exerted through IL-13 receptor α 1 expression. TOXICOL LETT. 2025 Jun; WB ;Human. 40532864