

Catalog	Unit
TBS10344-0.5MG	0.5 mg
TBS10344-1MG	1 mg
TBS10344-5MG	5 mg

Description

InVivoMAb Anti-Human IL-13 Antibody is a selective, humanized recombinant monoclonal antibody targeting human interleukin-13 (IL-13). This antibody binds IL-13 with high affinity and potency, recognizing both the wild-type and common variant forms of the cytokine. By blocking IL-13 interaction with its receptors, IL-13R α 1 and IL-13R α 2, the antibody effectively inhibits downstream IL-13-mediated signaling pathways. It is a valuable research tool for investigating IL-13-driven mechanisms involved in type 2 inflammation, airway remodeling, and fibrotic processes, particularly in in vivo and translational studies.

Synonyms

Anti-Human IL-13 monoclonal antibody, Neutralizing anti-IL-13 antibody, IL-13-blocking antibody, IL-13 functional blocking mAb, IL-13 inhibitory antibody, In vivo-grade anti-IL-13 mAb, Research-grade anti-human IL-13 antibody.

Product Details

Applications:	ELISA, Neutralization
Species reactivity:	Human
Host:	Human
Isotype:	IgG1, kappa
Target:	IL13, NC30, Interleukin-13, IL-13.
Uniprot:	P35225
Concentration:	3 mg/ml
Purity:	>95%
Formulation:	Liquid
Storage buffer:	0.01M PBS, pH 7.4.
Purification:	Protein A/G purified from cell culture supernatant.
Clonality:	Monoclonal
Storage:	Store -20°C up to 12 months, and -80°C for long term. Avoid repeated freeze-thaw cycles.

Data Image

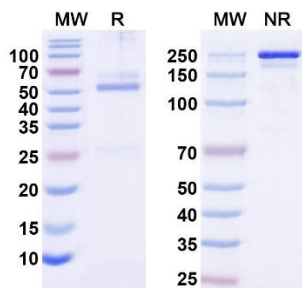


Fig. 1. SDS-PAGE for InVivoMAb Anti-Human IL13
 MW: Molecular Weight (kDa) Marker.
 R: Reducing conditions.
 NR: Non-Reducing conditions.

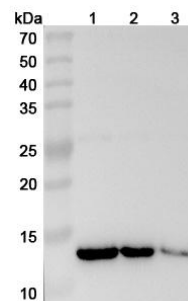


Fig. 2. Western blot analysis was performed using anti-IL13 monoclonal antibody at 1µg/ml on various samples.
 Lane 1: recombinant human IL13, 50ng.
 Lane 2: recombinant human IL13, 30ng.
 Lane 3: recombinant human IL13, 20ng.

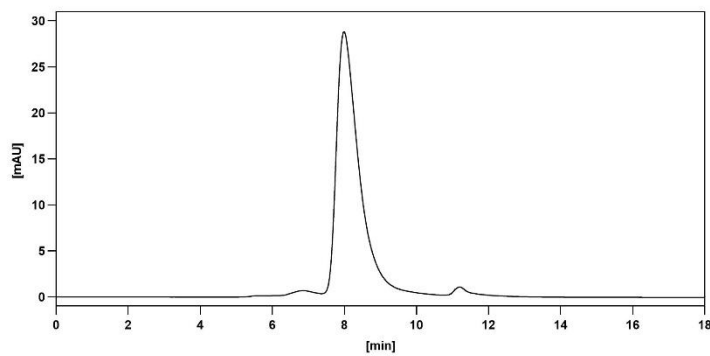


Fig. 3. SEC-HPLC detection for InVivoMAb Anti-Human IL13

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