

Catalog	Unit
TBS10345-0.5MG	0.5 mg
TBS10345-1MG	1 mg
TBS10345-5MG	5 mg

Description

InVivoMAb Anti-Human IL-17A antibody is a humanized monoclonal antibody designed to specifically target and neutralize interleukin-17A (IL-17A), a key cytokine involved in pro-inflammatory immune pathways. By blocking IL-17A activity, this antibody inhibits downstream signaling associated with autoimmune and chronic inflammatory responses, making it a valuable reagent for in vivo studies of IL-17-mediated immune mechanisms.

Synonyms

Anti-IL-17A monoclonal antibody, Humanized anti-IL-17A mAb, IL-17A neutralizing antibody.

Product Details

Applications:	ELISA, FCM, Neutralization
Species reactivity:	Human
Host:	Human
Isotype:	IgG1, kappa
Target:	CTLA-8, Cytotoxic T-lymphocyte-associated antigen 8, IL17, IL-17A, IL17A, CTLA8, IL-17, Interleukin-17A.
Uniprot:	Q16552
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

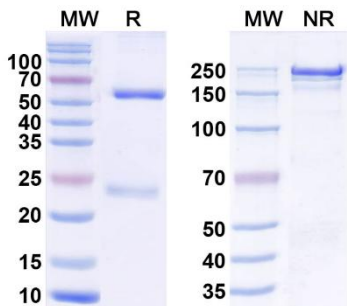


Fig. 1. SDS-PAGE for InVivoMAb Anti-Human IL17A.

MW: Molecular Weight (kDa) Marker.
 R: Reducing conditions.
 NR: Non-Reducing conditions.

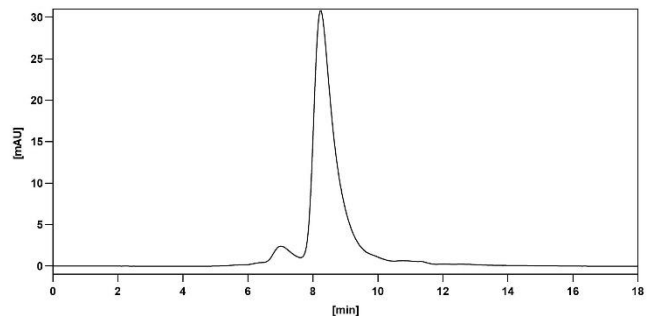


Fig. 2. SEC-HPLC detection for InVivoMAb Anti-Human IL17A

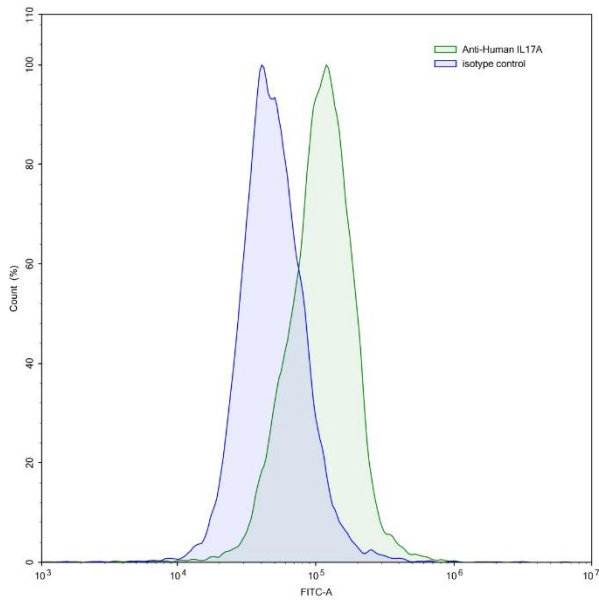


Fig. 3. Flow-cytometry using anti-human IL17A antibody. Human Jurkat cell line were stained with an irrelevant antibody (Blue Histogram) or an anti-human IL17A antibody monoclonal antibody (Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody and cells analyzed on a NovoCyte Flow Cytometer.

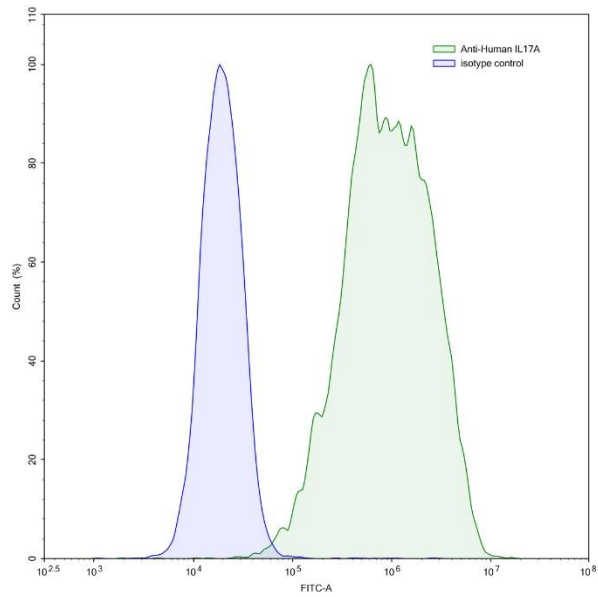


Fig. 4. Flow-cytometry using anti-human IL17A antibody. IL17A Transfected CHO cells were stained with an irrelevant antibody (Blue Histogram) or an anti-human IL17A antibody monoclonal antibody, (Green Histogram) at a concentration of 5 µg/ml for 30 mins at RT. After washing, bound antibody was detected using a FITC conjugated goat anti-human antibody and cells analysed on a NovoCyte Flow Cytometer.

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