

Anti- Teprotumumab (Anti-Idiotype) Antibody

Monoclonal Mouse IgG_{2A} Clone # 975547

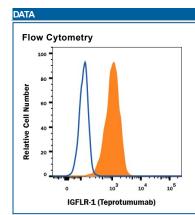
Catalog Number: MAB96341

DESCRIPTION			
Specificity	Detects Teprotumumab in direct ELISAs.		
Source	Monoclonal Mouse IgG _{2A} Clone # 975547		
Purification	Protein A or G purified from hybridoma culture supernatant		
Immunogen	Full-length Teprotumumab		
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.		

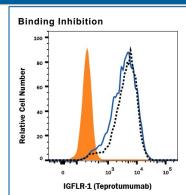
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Binding Inhibition	2.5 μg/mL	See Below
Flow Cytometry	0.25 μg/10 ⁶ cells	See Below



Detection of Anti-IGFLR-1 (Teprotumunab) on Human MCF-7 cells by flow cytometry. MCF-7 human cell line was stained with Human anti-Human IGFLR-1 (Teprotumunab) Monoclonal Antibody (Catalog # MAB9718) then Anti-Teprotumunab (Anti-Idiotype) (Catalog # MAB96341, filled histogram) or Mouse IgG_{2A} isotype control antibody(Catalog # MAB003, open histogram) followed by PE-conjugated anti-mouse IgG secondary antibody (Catalog # F0102B).



Anti-IGFLR-1 (Teprotumumab) binding to MCF-7 Human Cell Line is Blocked by Anti-Teprotumumab (Anti-Idiotype) Antibody. In a functional flow cytometry test, Biotinylated Anti-IGFLR-1 (Teprotumumab) (Catalog # FAB9718B) binds to MCF-7 human cell line (black dotted line). Binding is completely blocked (orange histogram) by 0.25 µg/mL of Anti-Teprotumumab (Anti-idiotype) Monoclonal Antibody (Catalog# MAB96341), but not by Normal Mouse IgG_{2A} (Catalog # MAB003) (blue line). Cells were stained with APC-conjugated Streptavidin (Catalog # F0050).

PREPAR		

Reconstitution Reconstitute at 0.5 mg/mL in sterile PBS.

Shipping The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

*Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C

Stability & Storage

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

- 12 months from date of receipt, -20 to -70 °C as supplied.
- 1 month, 2 to 8 °C under sterile conditions after reconstitution.
- 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

The anti-Teprotumumab antibody is an anti-Idiotype antibody raised against and selected for the antigenic determinants of the variable region of Teprotumumab. The antibody has been tested against a broad range of other biosimilars to ensure specificity. This highly specialized anti-idiotypic antibody can be used in a variety of pharmacokinetic (PK) assay formats.

