

Anti- Gemtuzumab (Anti-Idiotype) Antibody

Recombinant Monoclonal Rabbit IgG Clone # 2263B Catalog Number: MAB9617

DESCRIPTION		
Specificity	Detects Gemtuzumab in Western blots and direct ELISAs. No cross-reactivity with Cetuximab, Ibritumomab, Rituximab, Adalimumab, Tositumomab, Brentuximab, Trastuzumab, Solanezumab, Teprotumumab, and Aducanumab is observed.	
Source	Recombinant Monoclonal Rabbit IgG Clone # 2263B	
Purification	Protein A or G purified from hybridoma culture supernatant	
Immunogen	Full length Gemtuzumab	
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.	

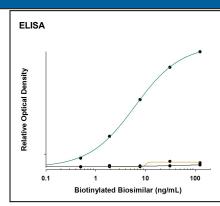
APPLICATIONS

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.

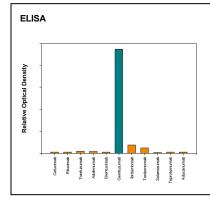
	Recommended Concentration	Sample
Western Blot	0.5 μg/mL	See Below
ELISA	Detects Gemtuzumab in direct ELISAs.	

Western Blot | Quantification | Quantif

Detection of Gemtuzumab by Western Blot. Western blot shows Centuximab, Rituximab, Brentuximab, and Gemtuzumab biosimilars. PVDF membrane was probed with 0.5 μg/mL of Anti- Gemtuzumab (Anti-Idiotype) Monoclonal Antibody (Catalog # MAB9617) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). A specific band was detected for Gemtuzumab at approximately 240 kDa (as indicated). This experiment was conducted under non-reducing conditions and using Immunoblot Buffer Group 1.



Specificity of Anti-Gemtuzumab (Anti-Idiotype) Antibody in ELISA Capture Assay. Biotinylated biosimilars were serially diluted and incubated with Anti-Gemtuzumab (Anti-Idiotype) Antibody (Catalog # MAB9617, green line) coated at 1 µg/mL on a 96-well polystyrene plate. No cross-reactivity with Rituximab (black line) or biotinylated IgG control (orange line) was observed.



Specificity of Anti-Gemtuzumab (Anti-Idiotype) Antibody in Direct ELISA. A panel of biosimilars was coated at 1 µg/mL in 96-well polystyrene plates. Anti-Gemtuzumab (Anti-Idiotype) Antibody (Catalog # MAB9617, 333 ng/mL) detected Gemtuzumab. No cross-reactivity with Cetuximab, Ibritumomab, Rituximab, Adalimumab, Tositumomab, Brentuximab, Trastuzumab, Solanezumab, Teprotumumab, and Aducanumab was observed.

PREPARATION AND STORAGE

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

- 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-Gemtuzumab antibody is an anti-Idiotype antibody raised against and selected for the antigenic determinants of the variable region of Gemtuzumab. 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.

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