

Anti- Brentuximab (Anti-Idiotype) Antibody

Recombinant Monoclonal Rabbit IgG Clone # 2262C Catalog Number: MAB9584

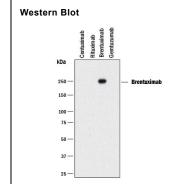
DESCRIPTION		
Specificity	Detects Brentuximab in Western blots and direct ELISAs. In direct ELISAs, no cross-reactivity with Cetuximab, Ibritumomab, Rituximab, Trastuzumab, Tositumomab, Adalimumab, Gemtuzumab, Solanezumab, Teprotumumab, and Aducanumab is observed.	
Source	Recombinant Monoclonal Rabbit IgG Clone # 2262C	
Purification	Protein A or G purified from cell culture supernatant	
Immunogen	Full length Brentuximab	
Formulation	tion 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

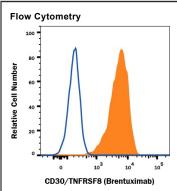
Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample	
Western Blot	0.5 μg/mL	See Below	
Flow Cytometry	0.25 μg/10 ⁶ cells	See Below	
ELISA	Detects Brentuximab	Detects Brentuximab in direct ELISAs.	

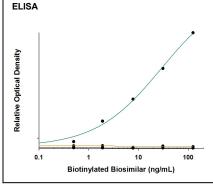
DATA



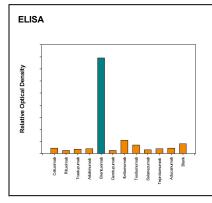
Detection of Brentuximab by Western Blot. Western blot shows Centuximab, Rituximab, Brentuximab, and Gemtuzumab biosimilars. PVDF membrane was probed with 0.5 μ g/mL of Anti-Brentuximab (Idiotype) Monoclonal Antibody (Catalog # MAB9584) followed by HRP-conjugated Anti-Rabbit IgG Secondary Antibody (Catalog # HAF008). A specific band was detected for Brentuximab at approximately 240 kDa (as indicated). This experiment was conducted under noneducing conditions and using Immunoblot Buffer Group 1.



Detection of anti-CD30/TNFRSF8 (Brentuximab) on Jurkat Human cell line by flow cytometry. Jurkat human cell line was stained with anti-CD30/TNFRSF8 (Brentuximab, Catalog # MAB9576) then Anti-Brentuximab (Anti-Idiotype) Monoclonal Antibody (Catalog # MAB9584, filled histogram) or normal rabbit IgG isotype control antibody (Catalog # MAB1050, open histogram), followed by PE-conjugated antirabbit IgG secondary antibody (Catalog # F0110).



Specificity of Anti-Brentuximab (Anti-Idiotype) Antibody in ELISA Capture Assay. Biotinylated biosimilars were serially diluted and incubated with Anti-Brentuximab (Anti-Idiotype) Antibody (Catalog # MAB9584, green line) coated at 1 µg/mL on a 96-well polystyrene plate. No crossreactivity with Rituximab (black line) or biotinylated IgG control (orange line) was observed.



Specificity of Anti-Brentuximab (Anti-Idiotype) Antibody in Direct ELISA. A panel of biosimilars was coated at 1 µg/mL in 96-well polystyrene plates. Anti-Brentuximab (Anti-Idiotype) Antibody (Catalog # MAB9584, 333 ng/mL) detected Brentuximab. No cross-reactivity with Cetuximab, Rituximab, Trastuzumab, Adalimumab, Gemtuzumab, Ibritumomab, Tositumomab, 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

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

Rev. 2/7/2018 Page 1 of 1

