

## DESCRIPTION

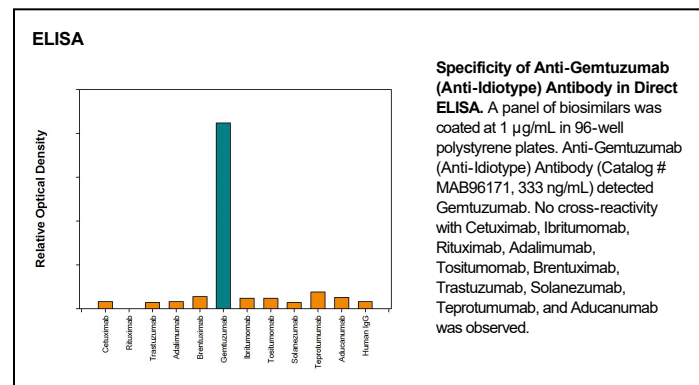
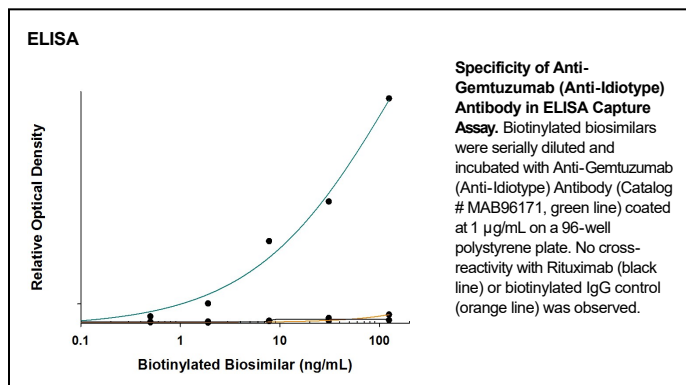
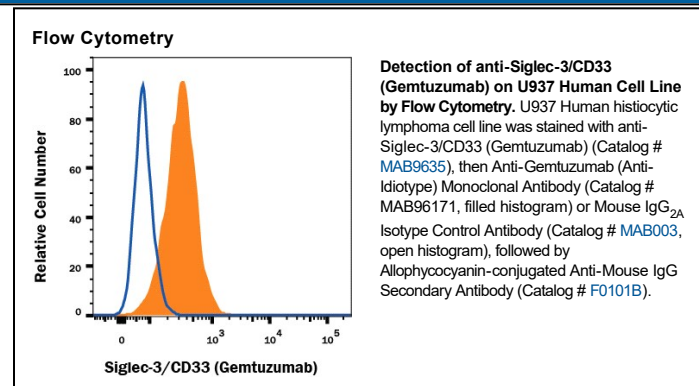
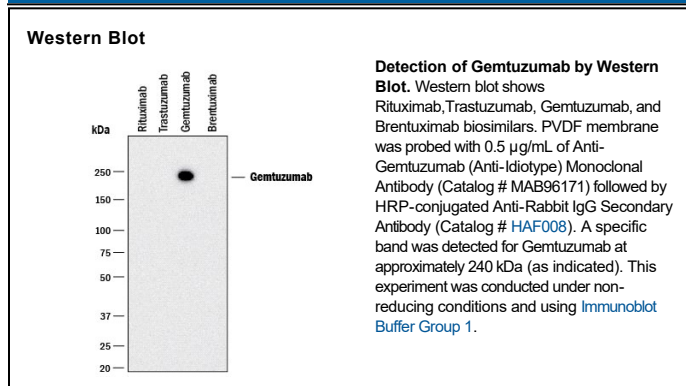
<b>Specificity</b>	Detects Gemtuzumab in Western blots and direct ELISAs. No cross-reactivity with Cetuximab, Ibritumomab, Rituximab, Adalimumab, Tositumomab, Brentuximab, Trastuzumab, Solanezumab, Teprotumumab, and Aducanumab is observed.
<b>Source</b>	Monoclonal Mouse IgG <sub>2A</sub> Clone # 975155
<b>Purification</b>	Protein A or G purified from hybridoma culture supernatant
<b>Immunogen</b>	Full length Gemtuzumab
<b>Formulation</b>	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

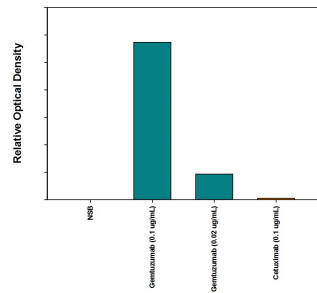
**Please Note:** Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
<b>Western Blot</b>	0.5 µg/mL	See Below
<b>Flow Cytometry</b>	0.25 µg/10 <sup>6</sup> cells	See Below
<b>ELISA</b>	Detects Gemtuzumab in direct ELISAs.	

## DATA



## ELISA



**Anti-Gemtuzumab Bridging Assay.** The anti-Idiotypic antibody (catalog number MAB96171) directed against Gemtuzumab was coated at 4 µg/mL in a 96-well polystyrene plate to capture the biosimilar Gemtuzumab. Biotinylated Anti-Gemtuzumab used at 0.5 µg/mL was used as the detection antibody before incubation with Streptavidin-HRP. Other biosimilars did not bridge the anti-Idiotypic antibody, showing specificity of the anti-Gemtuzumab (anti-Idiotypic) antibody.

## 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

**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-Gemtuzumab antibody is an anti-Idiotypic 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.