



Mouse Anti-Ustekinumab monoclonal antibody, clone 0B6 (CABT-ZB258)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	CABT-ZB258 is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with Ustekinumab.
Specificity	This product is specific for Ustekinumab.
Target	Ustekinumab
Immunogen	Ustekinumab
Isotype	IgG1, κ
Source/Host	Mouse
Clone	0B6
Purification	Protein A purified
Conjugate	Unconjugated
Applications	Suitable for use in PK bridging ELISA. We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB258 - CABT-ZB259 Recommended Working Concentration: 0.05-1 µg/ml
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/mL.
Format	Purified, Lyophilized.
Size	40 µg

Buffer	Lyophilized with PBS, pH 7.2, contains 0.02% sodium azide.
Preservative	0.02% sodium azide
Storage	The lyophilized product remains stable up to 1 year at -20 °C from date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Ustekinumab with trade name Stelara, is an FDA-approved drug to Crohn's disease, Ulcerative Colitis, Plaque Psoriasis and Psoriatic Arthritis, targeting both interleukins (IL)-12 and IL-23. Ustekinumab is a fully human immunoglobulin G1 kappa mAb that binds to IL-12 and IL-23. Ustekinumab binds to the p40 subunit common to IL-12 and IL-23 and prevents their interaction with the IL-12 receptor β1 subunit of the IL-12 and IL-23 receptor complexes, thereby disrupting the proinflammatory pathway.
Keywords	Mouse monoclonal antibody to Ustekinumab/Stelara; CNTO 1275; Stelara; Ustekinumab

GENE INFORMATION

Synonyms	Mouse monoclonal antibody to Ustekinumab/Stelara; CNTO 1275; Stelara; Ustekinumab
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