



# Mouse Anti-Ustekinumab monoclonal antibody, clone 22F4 (CABT-ZB260)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	CABT-ZB260 is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with Ustekinumab.
<b>Specificity</b>	This product is specific for Ustekinumab.
<b>Target</b>	Ustekinumab
<b>Immunogen</b>	Ustekinumab
<b>Isotype</b>	IgG1, κ
<b>Source/Host</b>	Mouse
<b>Clone</b>	22F4
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in pharmacokinetic (PK) assay. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended Working Concentration: 0.005-1 µg/ml
<b>Reconstitution</b>	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/mL.
<b>Format</b>	Purified, Lyophilized.
<b>Size</b>	40 µg
<b>Buffer</b>	Lyophilized with PBS, pH 7.2, contains 0.02% sodium azide.

<b>Preservative</b>	0.02% sodium azide
<b>Storage</b>	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.
<b>Ship</b>	Wet ice

## BACKGROUND

<b>Introduction</b>	<p>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 <math>\beta</math>1 subunit of the IL-12 and IL-23 receptor complexes, thereby disrupting the proinflammatory pathway.</p>
<b>Keywords</b>	Mouse monoclonal antibody to Ustekinumab/Stelara; CNTO 1275; Stelara; Ustekinumab

## GENE INFORMATION

<b>Synonyms</b>	Mouse monoclonal antibody to Ustekinumab/Stelara; CNTO 1275; Stelara; Ustekinumab
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