



# Mouse Anti-Denosumab monoclonal antibody, clone 3I8 (CABT-ZB196)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	CABT-ZB196 is produced from a hybridoma resulting from the fusion of partner and B-lymphocytes obtained from a mouse immunized with Denosumab.
<b>Specificity</b>	The product is specific for Denosumab.
<b>Target</b>	Denosumab
<b>Immunogen</b>	Denosumab
<b>Isotype</b>	IgG1, κ
<b>Source/Host</b>	Mouse
<b>Clone</b>	3I8
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA(cap), PK study Recommended Working Concentration: 0.005-0.1 µg/ml We recommend the following for sandwich ELISA (Capture - Detection): CABT-ZB196 - CABT-ZB197
<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

**Introduction** Denosumab with trade name Prolia, is an FDA-approved drug for the treatment of patients with osteoporosis, treatment-induced bone loss, metastases to bone, and giant cell tumor of bone. Denosumab is a fully human monoclonal antibody that works as a RANK ligand (RANKL) inhibitor. Denosumab can bind RANKL, preventing RANKL from activating RANK, its receptor on the osteoclast surface.

**Keywords** Mouse monoclonal antibody to Denosumab/Prolia; AMG 162; Denosumab

## GENE INFORMATION

**Synonyms** Mouse monoclonal antibody to Denosumab/Prolia; AMG 162; Denosumab