



Human Anti-Human RANKL (Denosumab) Monoclonal Antibody, clone Denosumab [Biosimilar] (CABT-Z702H)

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

PRODUCT INFORMATION

Specificity	Detects human RANK Ligand. This non-therapeutic antibody uses the same variable region sequence as the therapeutic antibody Denosumab.
Immunogen	Human RANKL.
Isotype	IgG2
Source/Host	Human
Species Reactivity	Human
Clone	Denosumab
Purification	Protein A or G purified
Conjugate	Functional Grade
Applications	FA
Format	Liquid
Concentration	Lot specific
Size	5 mg
Buffer	0.01 M phosphate buffered saline (PBS) pH 7.2, 150 mM NaCl with no carrier protein, potassium or preservatives added. BSA and Azide free. Endotoxin Level \leq 0.75 EU/mg as determined by the LAL method

Preservative	None
Storage	Store at 2-8°C for short term; -80°C for long term. Avoid freeze / thaw cycle.
Ship	Wet ice

BACKGROUND

Introduction	Denosumab biosimilar is a human IgG2 monoclonal antibody that binds to human RANKL. Denosumab has an approximate molecular weight of 147 kDa and is produced in genetically engineered mammalian (Chinese hamster ovary) cells.
Keywords	TNFSF11;tumor necrosis factor (ligand) superfamily;member 11;ODF;OPGL;sOdf;CD254;OPTB2;RANKL;TRANCE;hRANKL2;tumor necrosis factor ligand superfamily member 11;osteoprotegerin ligand; osteoclast differentiation factor;TNF-related activation-induced cytokine;receptor activator of nuclear factor kappa B ligand;receptor activator of nuclear factor kappa-B ligand

GENE INFORMATION

Gene Name	TNFSF11
Entrez Gene ID	8600
UniProt ID	Q14788