

VivoGenie Anti-Human RANKL (Denosumab) – Fc Reduced Biosimilar

IVMB0491

Description

This VivoGenie Anti-Human RANKL (Denosumab) – Fc Reduced Biosimilar is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	IVMB0491
Contents:	500ug Bradford Reagent: 1 vial (2ml)
Synonyms:	Osteoprotegerin Ligand (OPGL), Osteoclast Differentiation Factor (ODF), TNF related Activation-Induced Cytokine (TRANCE), Tumor Necrosis Factor Ligand Superfamily Member 11 (TNFSF11)
Category:	Biosimilar Recombinant Human Monoclonal Antibody
Target:	RANKL
Clone:	AMG-162
Isotype:	Human IgG2k
Applications:	ELISA FA IHC WB
Specificity:	This non-therapeutic biosimilar antibody uses the same variable region sequence as the therapeutic antibody Denosumab. This product is for research use only. Denosumab activity is directed against human RANKL (receptor activator of NFkB ligand).

Antibody Data

Reactivity:	Human
Host species:	Human

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.

Expression Host:	HEK-293 Cells
Immunogen:	Purified Recombinant Human RANKL
Product concentration:	≥ 5.0 mg/ml
Endotoxin Level:	< 1.0 EU/mg as determined by the LAL method
Purity:	≥95% by SDS Page, ≥95% Monomer by analytical SEC
Formulation:	This biosimilar antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein, potassium, calcium or preservatives added. Due to inherent biochemical properties of antibodies, certain products may be prone to precipitation over time. Precipitation may be removed by aseptic centrifugation and/or filtration.

Preparation & Storage

Storage:	Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at ≤ -70°C. Avoid Repeated Freeze Thaw Cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	2-8°C Wet Ice
Preparation:	Recombinant biosimilar antibodies are manufactured in an animal free facility using only in vitro protein free cell culture techniques and are purified by a multi-step process including the use of protein A or G to assure extremely low levels of endotoxins, leachable protein A or aggregates.
Recommended Dilution Buffer:	-
Recommended Usage:	-
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol