

InVivoMAb anti-mouse RANKL (CD254)

Lot Specific Information

Lot Number:	Lot Specific*
Volume:	Lot Specific*
Concentration:	Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein:	Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number:	BE0191
Clone:	IK22/5
Isotype:	Rat IgG2a, κ
Recommended Isotype Control(s):	InVivoMAb rat IgG2a isotype control, anti-trinitrophenol
Recommended Dilution Buffer:	InVivoPure pH 6.5 Dilution Buffer
Immunogen:	NSO-derived recombinant mouse RANKL
Reported Applications:	<i>in vivo</i> RANKL blockade
Formulation:	PBS, pH 6.5 Contains no stabilizers or preservatives
Endotoxin:	<2EU/mg (<0.002EU/μg) Determined by LAL gel clotting assay
Purity:	>95% Determined by SDS-PAGE
Sterility:	0.2 μM filtered
Production:	Purified from tissue culture supernatant in an animal free facility
Purification:	Protein G
RRID:	AB_10949003
Molecular Weight:	150 kDa

Description

The IK22/5 monoclonal antibody reacts with mouse RANKL (receptor activator of nuclear factor kappa-B ligand) also known as CD254 and TRANCE (TNF-related activation-induced cytokine). RANKL is a 35 kDa type II membrane protein that belongs to the TNF superfamily. RANKL is expressed on activated T lymphocytes in the lung, thymus, and lymph nodes and on osteoclasts. RANKL has been implicated in the regulation of T cell and dendritic cell interactions as well as osteoclast differentiation. Additionally, RANKL was found to be critical for osteoclast differentiation.

Shelf-life and Storage

Store at the stock concentration at 4°C. **Do not freeze.**

All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at bxcell.com/faqs.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Application References

For a complete list of references, visit <https://bxcell.com/product/m-cd254-trance-rankl/#references> or scan the QR code below.

Bio X Cell, Inc.

bxcell.com
1.866.787.3444
customerservice@bxcell.com

Conditions: For Research Use Only. Not for use in diagnostic or therapeutic procedures. Not for resale.

Bio X Cell, Bio X Cell Logo and all other trademarks are the property of Bio X Cell, Inc. © 2020 Bio X Cell



Bio X Cell, Inc.

bxcell.com

1.866.787.3444

customerservice@bxcell.com

Conditions: For Research Use Only. Not for use in diagnostic or therapeutic procedures. Not for resale.

Bio X Cell, Bio X Cell Logo and all other trademarks are the property of Bio X Cell, Inc. © 2020 Bio X Cell