

Product Datasheet

TREM2 Antibody (Py314) - Humanized NBP3-28190-100ug

Unit Size: 100 ug

Store at -20C in powder form. Store at -80C once reconstituted.

www.novusbio.com



technical@novusbio.com

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP3-28190

Updated 7/7/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP3-28190



NBP3-28190-100ug

TREM2 Antibody (Py314) - Humanized

Product Information

Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C in powder form. Store at -80C once reconstituted.
Clonality	Monoclonal
Clone	Py314
Preservative	No Preservative
Reconstitution Instructions	Reconstitute with sterile, distilled water to a final concentration of 1 mg/ml. Gently shake to solubilize completely. Do not vortex.
Isotype	IgG1
Purity	Protein A purified
Buffer	Lyophilized from 25mM histidine, 8% sucrose, 0.01% Tween80 (pH6.2)

Product Description

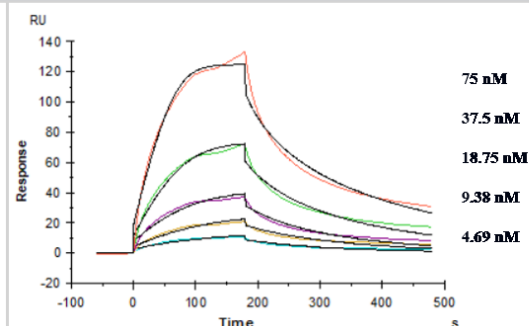
Description	Expressed from CHO. The heavy chain type is hulgG1, and the light chain type is hukappa. It has a predicted MW of 145 kDa. Upon receipt, store immediately at -20C or lower for 24 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles.
Host	Human
Gene ID	54209
Gene Symbol	TREM2
Species	Human
Immunogen	TREM2
Endotoxin Note	< 0.001EU/ug,determined by LAL method.

Product Application Details

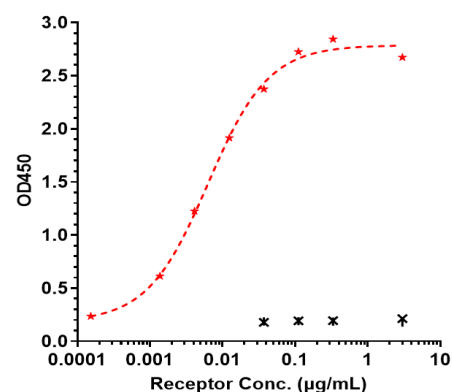
Applications	ELISA, Flow Cytometry, Functional
Recommended Dilutions	Flow Cytometry, ELISA, Functional

Images

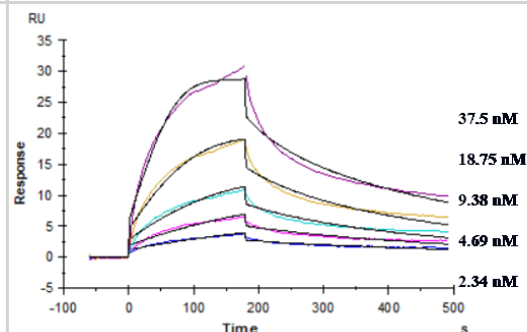
Affinity constant of 1.61E-08 M as determined in SPR assay. (Human TREM2 , His Tag)



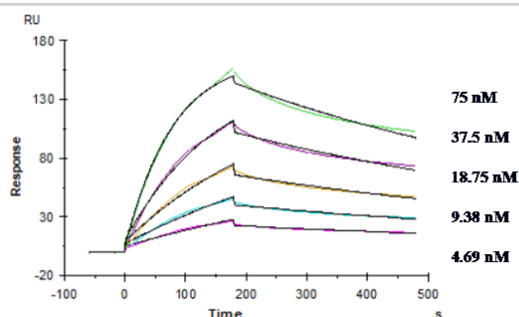
Immobilized Ma TREM2 His at 2 ug/mL can bind TREM2 Antibody (Py314) - Humanized, $EC_{50}=0.0063$ ug/mL.



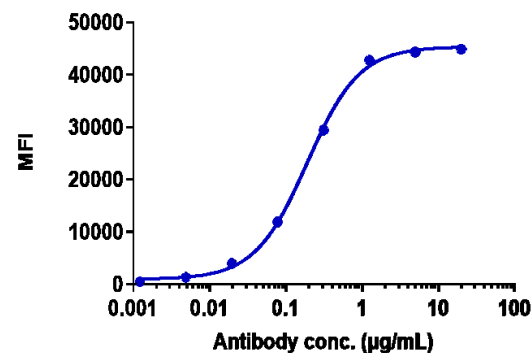
Affinity constant of $4.56E-09$ M as determined in SPR assay. (Cynomolgus / Rhesus Macaque TREM2, His Tag)



Affinity constant of $7.77E-09$ M as determined in SPR assay. (Mouse TREM2, His Tag)



Human TREM2 CHO-K1 cells were stained with TREM2 Antibody (Py314) - Humanized and negative control protein respectively, washed and then followed by PE and analyzed with FACS, $EC_{50}=0.1896$ ug/mL.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP3-28190-100ug

G-102-C	Goat anti-Human IgG Secondary Antibody [Unconjugated]
NB7446	Goat anti-Human IgG Fc Secondary Antibody
DDXCH01P-100	Human IgG1 Isotype Control
NBP2-22888	Recombinant Human TREM2 His Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP3-28190

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

