

Product Datasheet

TREM2 Antibody (Py314) - Humanized, (Research Grade Biosimilar) - Low Endotoxin, Azide and BSA Free NBP3-28190-100ug

Unit Size: 100 ug

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

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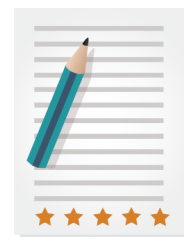
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NBP3-28190-100ug

TREM2 Antibody (Py314) - Humanized, (Research Grade Biosimilar) - Low Endotoxin, Azide and BSA Free

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

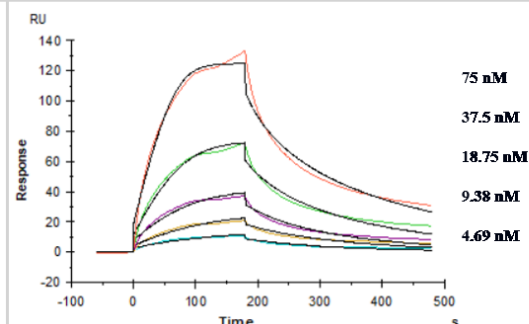
Description	The heavy chain type is hulgG1, and the light chain type is hukappa. It has a predicted MW of 145 kDa. This product is shipped at ambient temperature. Upon receipt, store immediately at -20C or lower for 12 months in a lyophilized state. - 80C for 3 months after reconstitution. Avoid repeated freeze-thaw cycles. Patent #: WO2019118513
Host	Human
Gene ID	54209
Gene Symbol	TREM2
Species	Human
Immunogen	TREM2
Endotoxin Note	< 0.001EU/ug,determined by LAL method.

Product Application Details

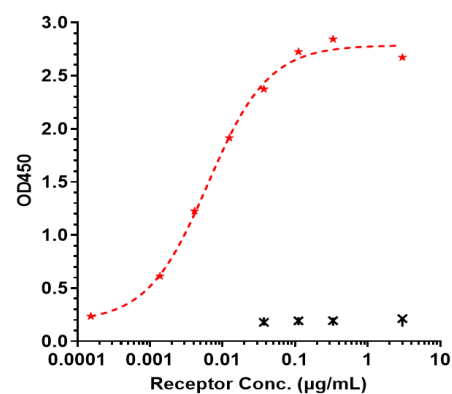
Applications	ELISA, Flow Cytometry, Functional
Recommended Dilutions	Flow Cytometry, ELISA, Functional

Images

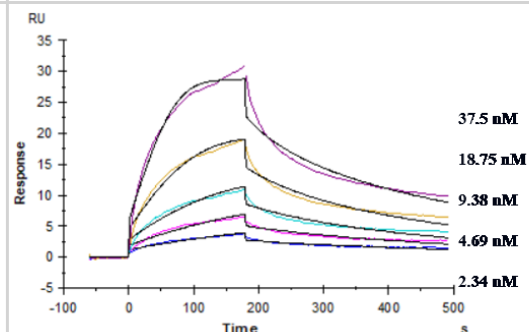
Affinity constant of 1.61E-08 M as determined in SPR assay. (Human TREM2 , His Tag)



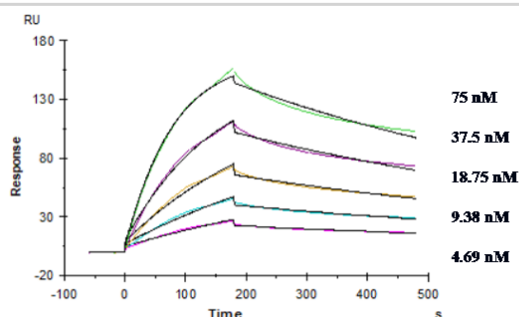
Immobilized Ma TREM2 His at 2 ug/mL can bind TREM2 Antibody (Py314) - Humanized, $EC_{50}=0.0063$ ug/mL.



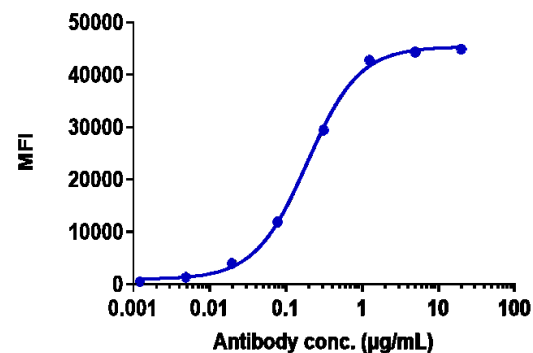
Affinity constant of $4.56E-09$ M as determined in SPR assay. (Cynomolgus / Rhesus Macaque TREM2, His Tag)



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.





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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.

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