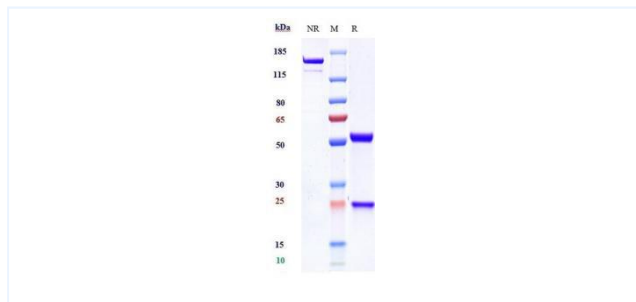


Product Details

Product name:	Anti-human TREM1 / CD354 (PY159 Biosimilar)	SKU:	BIO0398SM
Target Name:	TREM1 / CD354	Size:	1 mg/5 mg/20 mg
Target Uniprot:	Q9NP99	Concentration:	Lyophilized
Clone#:	PY159	Isotype:	Human IgG1
Reactivity:	Human	Calculated M.W.:	143.66 kDa
Application:	ELISA, Bioactivity: FACS, Functional assay, Research in vivo	Endotoxin:	<0.001 EU/ug
Formulation:	0.1M Pro, 20mM Arg, pH5.0	Conjugation:	None
Storage:	For long term storage, the produce should be stored at -20° C or lower.	Expression System:	CHO
Reconstitution:	Dissolve with sterile ddH2O	Purification:	Protein A

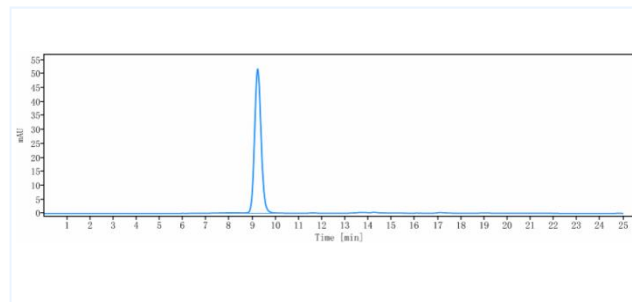
Data

Purity:SDS-PAGE



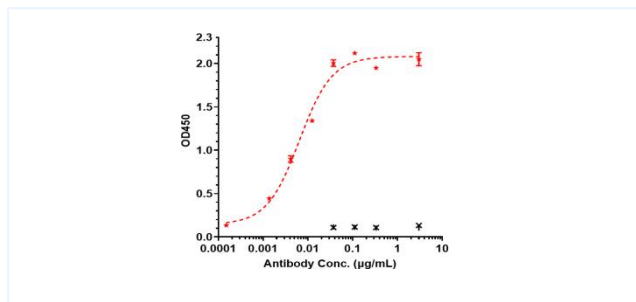
Anti-TREM1 / CD354 (PY159) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.

Purity:SEC-HPLC



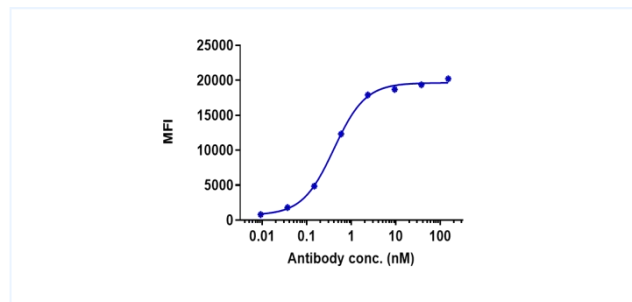
The purity of Anti-TREM1 / CD354 (PY159) is more than 95%, determined by SEC-HPLC.

Bioactivity:ELISA



Immobilized human TREM1 His at 2 ug/mL can bind Anti-TREM1 / CD354 (PY159), EC50=0.00645 ug/mL.

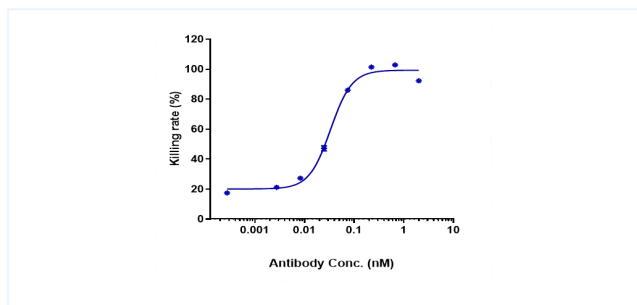
Bioactivity:FACS



Human TREM1 HEK293 cells were stained with Anti-TREM1 / CD354 (PY159) and negative control protein respectively, washed and then followed by PE and analyzed with FACS, EC50=0.7744nM.

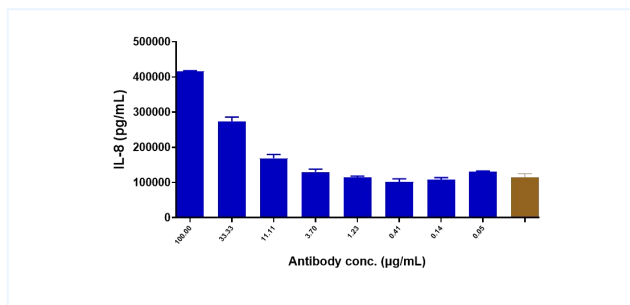
Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Function: Internalization



The endocytosis ratio PY159 by hu-TREM1-HEK293 increased with the increase of antibody concentration, and the Internalization Rate (%) reached 80% at antibody concentration of 0.3 nM.

Function: PBMC Activation



Anti-TREM1 (PY159) Activation was evaluated using PBMC. The max induction fold was approximately 3.16