

Anti-Neublastin Reference Antibody (Gloriana Thera patent anti-Neublastin)

Catalog # APR11292

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q5T4W7
Reactivity	Human
Clonality	Monoclonal
Isotype	mIgG1-TW-DD
Calculated MW	22878

Additional Information

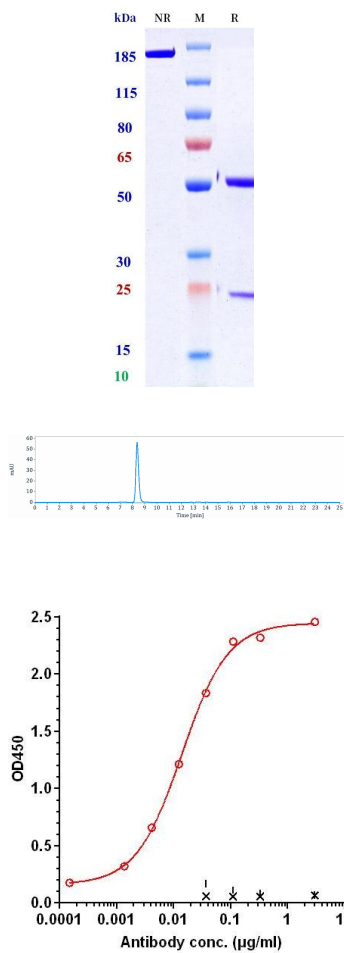
Target/Specificity	Neublastin
Expression system	CHO

Protein Information

Name	ARTN {ECO:0000303 PubMed:9883723, ECO:0000312 HGNC:HGNC:727}
Function	Growth factor that supports the survival of sensory and sympathetic peripheral neurons in culture and also supports the survival of dopaminergic neurons of the ventral mid-brain (PubMed: 10583383 , PubMed: 9883723). Acts by binding to its coreceptor, GFRA3, leading to autophosphorylation and activation of the RET receptor (PubMed: 31535977). Strong attractant of gut hematopoietic cells thus promoting the formation Peyer's patch-like structures, a major component of the gut-associated lymphoid tissue (By similarity).
Cellular Location	Secreted.
Tissue Location	Ubiquitous. Expressed at high levels in peripheral tissues including prostate, placenta, pancreas, heart, kidney, pituitary gland, lung and testis. Expressed at low levels in the brain

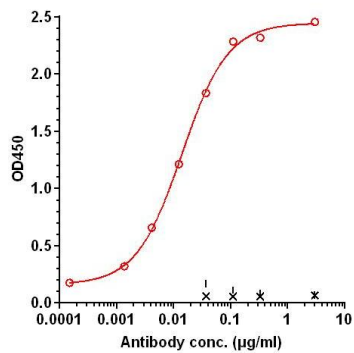
Images

Anti-Neublastin Reference Antibody (Gloriana Thera patent anti-Neublastin) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-Neublastin Reference Antibody (Gloriana Thera patent anti-Neublastin) is 100%, determined by SEC-HPLC.

Immobilized PHD745 Human ARTN(Ser40-Gly220), His Tag at 2 µg/mL can bind Gloriana Thera patent anti-Neublastin, EC₅₀= 0.01404 µg/mL.



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