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Anti-PLAUR / uPAR / CD87 Reference Antibody (ATN-658)

Recombinant Antibody
Catalog # APR11013

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q03405
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	36978

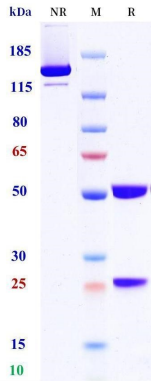
Additional Information

Target/Specificity	PLAUR / uPAR / CD87
Endotoxin	
Conjugation	Unconjugated
Expression system	CHO
Format	Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

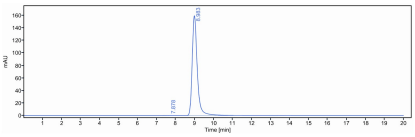
Protein Information

Name	PLAUR (HGNC:9053)
Synonyms	MO3, UPAR
Function	GPI-anchored receptor that recruits and activates the urokinase-type plasminogen activator (uPA) at the cell surface. Activated uPA converts plasminogen into plasmin, initiating extracellular matrix degradation and remodeling (PubMed:1689240, PubMed:15677461). Also binds the extracellular matrix protein vitronectin, promoting cell-matrix adhesion and indirectly integrin signaling (PubMed:17548516, PubMed:25168639, PubMed:28849762). This dual interaction coordinates dynamic changes in cell migration, proliferation, and tissue remodeling (PubMed:28849762).
Cellular Location	[Isoform 1]: Cell membrane; Lipid-anchor, GPI-anchor. Cell projection, invadopodium membrane; Lipid-anchor, GPI-anchor. Note=Colocalized with FAP (seprase) preferentially at the cell surface of invadopodia membrane in a cytoskeleton-, integrin- and vitronectin-dependent manner
Tissue Location	Expressed in neurons of the rolandic area of the brain (at protein level). Expressed in the brain

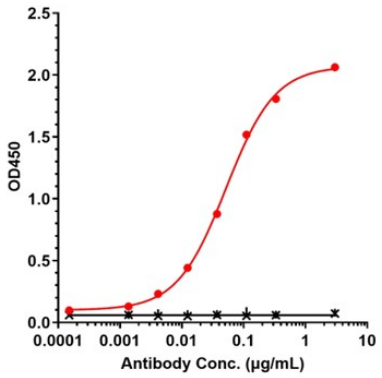
Images



Anti-PLAUR / uPAR / CD87 Reference Antibody (ATN-658) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-PLAUR / uPAR / CD87 Reference Antibody (ATN-658) is 99.67%, determined by SEC-HPLC.



Immobilized huuPAR-Fc at 2 ug/mL can bind ATN-658, The EC50 is 0.05198 μg/mL.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.