

Anti-ADMAST4 Reference Antibody (GSK patent anti-ADMAST4)

Catalog # APR11535

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	O75173
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	90197

Additional Information

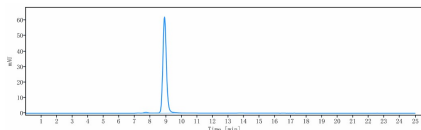
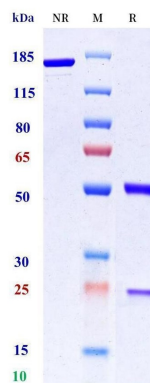
Target/Specificity	ADMAST4
Expression system	CHO

Protein Information

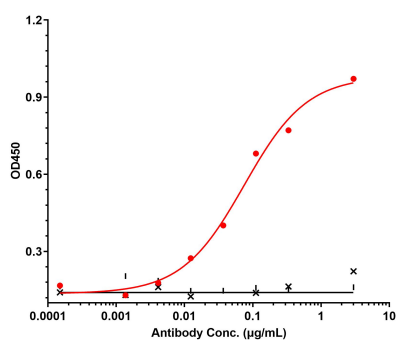
Name	ADAMTS4
Synonyms	KIAA0688
Function	Cleaves aggrecan, a cartilage proteoglycan, at the '392- Glu- -Ala-393' site and may be involved in its turnover (PubMed: 10356395 , PubMed: 10827174). Also cleaves COMP (PubMed: 39672391). May play an important role in the destruction of aggrecan in arthritic diseases. Could be a critical factor in the exacerbation of neurodegeneration in Alzheimer disease.
Cellular Location	Secreted, extracellular space, extracellular matrix
Tissue Location	Expressed in brain, lung and heart (PubMed:23897278). Expressed at very low level in placenta and skeletal muscles (PubMed:23897278). Isoform 2: Detected in osteoarthritic synovium (PubMed:16723216, PubMed:23897278)

Images

Anti-ADMAST4 Reference Antibody (GSK patent anti-ADMAST4) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-ADMAST4 Reference Antibody (GSK patent anti-ADMAST4) is 100%, determined by SEC-HPLC.



Immobilized hu-ADAMTS4(O75173)-his-Stock solution, It's target at 2 µg/mL can bind GSK patent anti-ADMAST4, EC50= 0.07513 µg/mL.

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