

Anti-Plectin Reference Antibody (ibentatug)

Catalog # APR11319

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q15149
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-noK
Calculated MW	531791

Additional Information

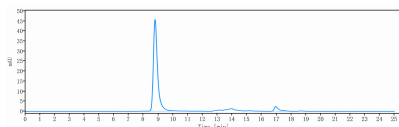
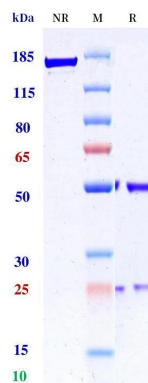
Target/Specificity	Plectin
Expression system	CHO

Protein Information

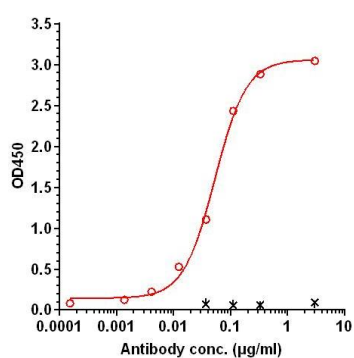
Name	PLEC
Synonyms	PLEC1
Function	Interlinks intermediate filaments with microtubules and microfilaments and anchors intermediate filaments to desmosomes or hemidesmosomes. Could also bind muscle proteins such as actin to membrane complexes in muscle. May be involved not only in the filaments network, but also in the regulation of their dynamics. Structural component of muscle. Isoform 9 plays a major role in the maintenance of myofiber integrity.
Cellular Location	Cytoplasm, cytoskeleton. Cell junction, hemidesmosome. Cell projection, podosome {ECO:0000250 UniProtKB:Q9QXS1}. Note=Localized to the cortex of myotube podosomes. {ECO:0000250 UniProtKB:Q9QXS1}
Tissue Location	Widely expressed with highest levels in muscle, heart, placenta and spinal cord

Images

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



The purity of Anti-Plectin Reference Antibody (ibentatug) is 95%, determined by SEC-HPLC.



Immobilized hu-plectin-NHis at 2 µg/mL can bind ibentatug, EC₅₀= 0.05308 µg/mL.

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