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Anti-Epiregulin Reference Antibody (Chugai patent anti-Epiregulin)

Catalog # APR11362

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	O14944
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	19044

Additional Information

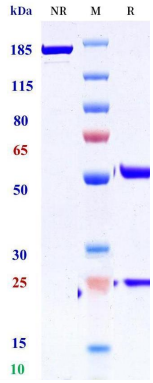
Target/Specificity	Epiregulin
Expression system	CHO

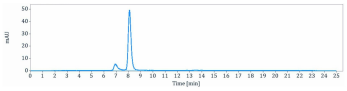
Protein Information

Name	EREG
Function	Ligand of the EGF receptor/EGFR and ERBB4. Stimulates EGFR and ERBB4 tyrosine phosphorylation (PubMed:9419975). Contributes to inflammation, wound healing, tissue repair, and oocyte maturation by regulating angiogenesis and vascular remodeling and by stimulating cell proliferation (PubMed:24631357).
Cellular Location	[Epiregulin]: Secreted, extracellular space
Tissue Location	In normal adults, expressed predominantly in the placenta and peripheral blood leukocytes. High levels were detected in carcinomas of the bladder, lung, kidney and colon

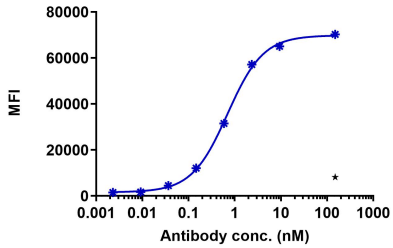
Images

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





The purity of Anti-Epiregulin Reference Antibody (Chugai patent anti-Epiregulin) is 98.6%, determined by SEC-HPLC.



Calu-3 cells were stained with Chugai patent anti-Epiregulin and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 0.6993 nM.

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