

Anti-Epiregulin Reference Antibody (Fepixnebart)

Catalog # APR11469

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	O14944
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG4SP-opti-FLAA-noK
Calculated MW	19044

Additional Information

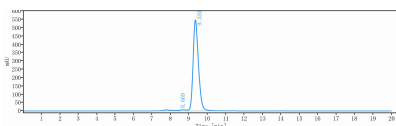
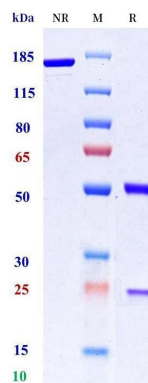
Target/Specificity	Epiregulin
Expression system	CHO

Protein Information

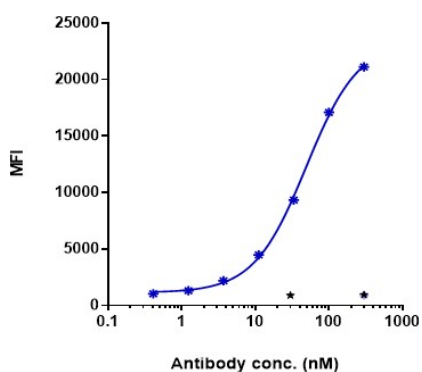
Name	EREG
Function	Ligand of the EGF receptor/EGFR and ERBB4. Stimulates EGFR and ERBB4 tyrosine phosphorylation (PubMed: 9419975). Contributes to inflammation, wound healing, tissue repair, and oocyte maturation by regulating angiogenesis and vascular remodeling and by stimulating cell proliferation (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 (Fepixnebart) on SDS-PAGE under reducing (R) condition. The purity of the protein is greater than 95%.



The purity of Anti-Epiregulin Reference Antibody (Fepixnebart) is 96.4%, determined by SEC-HPLC.



Calu-3 cells were stained with Fepixnebart and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC₅₀ is 49.46 nM.

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