

Anti-RNF43 Reference Antibody (StemCentRx patent anti-RNF43)

Catalog # APR11450

Product Information

Application	Functional assay, Kinetics (SPR), Kinetics (BLI), FACS, E, FTA
Primary Accession	Q68DV7
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1-CS
Calculated MW	85722

Additional Information

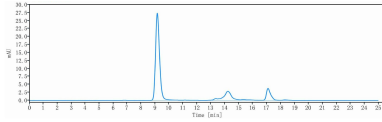
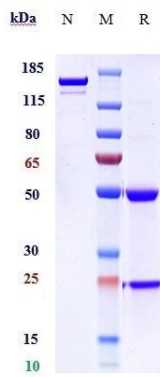
Target/Specificity	RNF43
Expression system	CHO

Protein Information

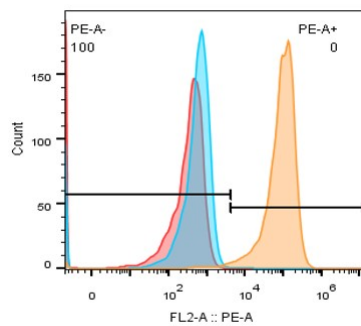
Name	RNF43
Function	E3 ubiquitin-protein ligase that acts as a negative regulator of the Wnt signaling pathway by mediating the ubiquitination, endocytosis and subsequent degradation of Wnt receptor complex components Frizzled. Acts on both canonical and non-canonical Wnt signaling pathway (PubMed: 18313049 , PubMed: 22575959 , PubMed: 22895187). Along with RSPO2 and ZNRF3, constitutes a master switch that governs limb specification (By similarity).
Cellular Location	Cell membrane; Single-pass type I membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein. Nucleus envelope. Note=According to a report, may be secreted
Tissue Location	Expressed in fetal kidney, fetal lung, in colon cancer tissues, hepatocellular carcinomas and lung adenocarcinomas Overexpressed in colorectal cancer cell lines

Images

Anti-RNF43 Reference Antibody (StemCentRx patent anti-RNF43) on SDS-PAGE under reducing (R) condition.
The purity of the protein is greater than 95%.



The purity of Anti-RNF43 Reference Antibody (StemCentRx patent anti-RNF43) is 98.6%, determined by SEC-HPLC.



PLVX-puro-RNF43-FL cell line were stained with StemCentRx patent anti-RNF43 and negative control protein respectively, washed and then followed by PE and analyzed with FACS, with the EC50 is 0.242 nM.

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