

Humanized anti-Human PTK7 Antibody | anti-PTK7 antibody

Anti-PTK7 (cofetuzumab biosimilar) mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA129441	Humanized	Human	Flow Cytometry, Functional Assay, ELISA

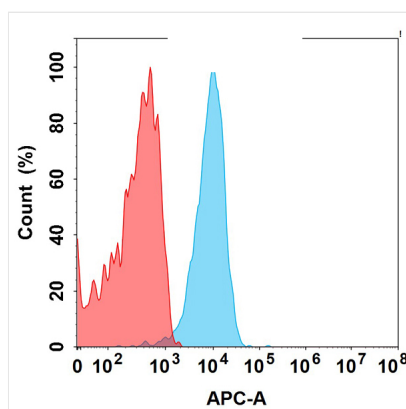
PRODUCT SYNONYMS

PTK7; Anti-PTK7 (cofetuzumab biosimilar) mAb; CCK4; PF-06523435; hu24; anti-PTK7 antibody

PRODUCT SPECIFICATIONS

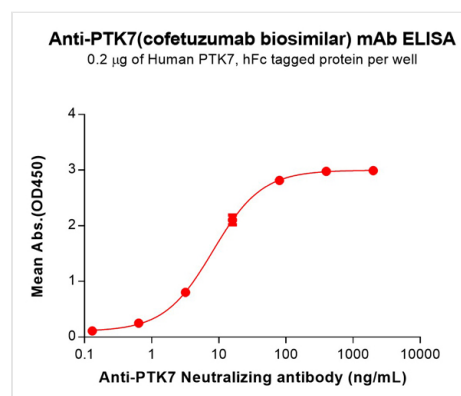
Host	Humanized
Reactivity	Human
Isotype	IgG1 (E239D, M241L)
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Applicable Applications for anti-PTK7 antibody	FCM/FACS (Flow Cytometry), ELISA
Preparation and Storage	Store at -20 degree C to -80 degree C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80 degree C (Avoid repeated freezing and thawing). Lyophilized antibodies are shipped at ambient temperature.

IMAGES



FCM/FACS (Flow Cytometry)

Figure 2. PTK7 protein is expressed on the surface of Expi293 cell membrane. Flow cytometry analysis with 1 ug/mL Anti-PTK7(cofetuzumab biosimilar) mAb (AAA129441) (Blue histogram) or isotype control mAb (Red histogram) on Expi293 cells.



ELISA

Figure 1. ELISA plate pre-coated by 2 ug/mL (100 uL/well) Human PTK7 Protein, hFc Tag can bind Anti-PTK7(cofetuzumab biosimilar) mAb (AAA129441) in a linear range of 0.64–80 ng/mL. In order to specifically detect AAA129441, mouse anti-human Fab-specific antibody was used as detection antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-PTK7 antibody	Biosimilar reference antibodies
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47938093
NCBI GeneID	5754
UniProt Accession #	Q13308; Q13417; Q5T650; Q6IQ54; Q8NFA5; Q8NFA6; Q8NFA7; Q8NFA8; A8K974; B7Z477; E9PFZ5
Molecular Weight	119,197 Da
NCBI Official Full Name	PTK7 protein tyrosine kinase 7
NCBI Official Synonym Full Names	protein tyrosine kinase 7 (inactive)
NCBI Official Symbol	PTK7
NCBI Official Synonym Symbols	CCK4; CCK-4
NCBI Protein Information	inactive tyrosine-protein kinase 7; colon carcinoma kinase 4; PTK7 protein tyrosine kinase 7; tyrosine-protein kinase-like 7; pseudo tyrosine kinase receptor 7
UniProt Protein Name	Inactive tyrosine-protein kinase 7
UniProt Gene Name	PTK7
UniProt Synonym Gene Names	CCK4; CCK-4
UniProt Entry Name	PTK7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-antibody/ptk7/129441>