Product Datasheet

Anti-Human PTK7/CCK-4 Reference Antibody (Cofetuzumab, RUO)
Catalog No.: BS10455

Product Information

Catalog No.	BS10455
Product name	Anti-Human PTK7/CCK-4 Reference Antibody (Cofetuzumab, RUO)
Applications	ELISA, Bioactivity: FACS, Functional assay, Research in vivo
Species reactivity	Human
Host species	Humanized
Clonality	Monoclonal
Isotype	IgG1-kappa
Form	Liquid
Storage buffer	0.01M PBS, pH 7.4.
Concentration	1.11mg/ml
Purity	>95% purity as determined by SDS-PAGE.
Purification	Protein A/G purified from cell culture supernatant.
Target	Protein-tyrosine kinase 7, Inactive tyrosine-protein kinase 7, CCK4, PTK7, Colon carcinoma kinase 4, Tyrosine-protein kinase-like 7, CCK-4, Pseudo tyrosine kinase receptor 7
Expression system	Mammalian Cells
Accession	Q13308
Endotoxin level	Please contact the lab for this information.
Stability and Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. Store at 4°C for short-term storage (1-2 weeks). Store at -20°C for up to 12 months. For long-term storage, store at -80°C.
Alternative Names	PF-06523435, hu24, Anti-PTK7ADC, PF-06647020, PTK7-ADC, 1869928-62-0
Note	For research use only. Not suitable for clinical or therapeutic use.

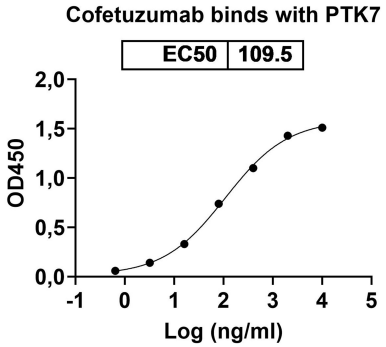
Background

Cofetuzumab (PF-06523435) is a humanized IgG1-κ monoclonal antibody targeting PTK7. The expression system of Cofetuzumab is usually CHO (Chinese Hamster Ovary) cells.

- Targeting Wnt signaling pseudokinases in hematological cancers., PMID:29989208
- Protein tyrosine kinase 7 plays a tumor suppressor role by inhibiting ERK and AKT phosphorylation in lung cancer., PMID:24789704
- Biphasic regulation of tumorigenesis by PTK7 expression level in esophageal squamous cell carcinoma., PMID:29867084
- PTK7 is a molecular marker for metastasis, TNM stage, and prognosis in oral tongue squamous cell carcinoma., PMID:28547980

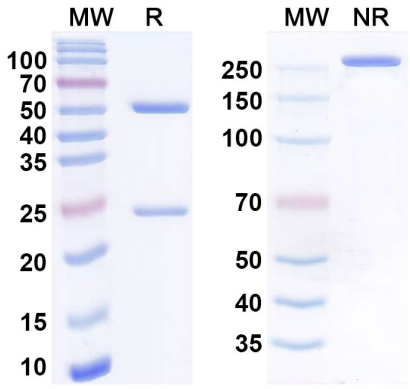
Image Data

Detects Human PTK7/CCK-4 in indirect ELISAs.



Bioactivity

SDS-PAGE for Research Grade Cofetuzumab.



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