

For Research Use Only

USP33 Recombinant antibody

Catalog Number: 84958-1-RR



Basic Information

Catalog Number: 84958-1-RR	GenBank Accession Number: BC016663	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23032	CloneNo.: 242535A6
Source: Rabbit	UNIPROT ID: Q8TEY7	Recommended Dilutions: IF/ICC 1:200-1:800
Isotype: IgG	Full Name: ubiquitin specific peptidase 33	
Immunogen Catalog Number: AG14268	Calculated MW: 942 aa, 107 kDa	

Applications

Tested Applications: IF/ICC, ELISA	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human	

Background Information

USP33(Ubiquitin carboxyl-terminal hydrolase 33) is also named as KIAA1097, VDU1 and belongs to the peptidase C19 family. This protein, originally identified as a von Hippel-Lindau tumor suppressor (VHL) protein-interacting deubiquitinating enzyme, binds to the Robo1 receptor, and that USP33 is required for Slit responsiveness in breast cancer cells(PMID:19706539). The localization of USP33 is broadly confined to the secretory pathway, with all variants localizing to endoplasmic reticulum-associated structures(PMID:21801292). It has 3 isoforms produced by alternative splicing.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

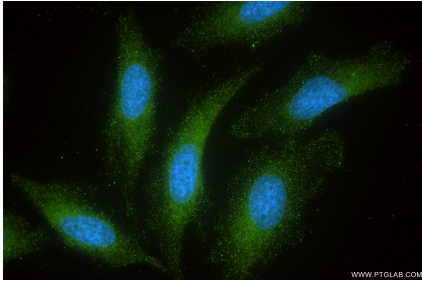
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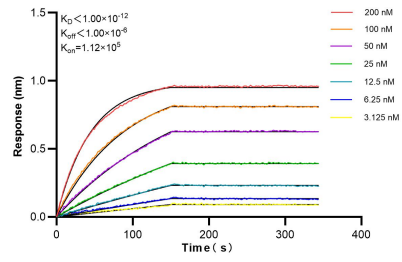
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Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using USP33 antibody (84958-1-RR, Clone: 242535A6) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



Biolayer interferometry (BLI) kinetic assays of 84958-1-RR against Human USP33 were performed. The affinity constant is below 1 pM.