Mouse anti-Human USP33 Monoclonal Antibody | anti-USP33 antibody

USP33 (Ubiquitin-specific-processing Protease 33, Ubiquitin Carboxyl-terminal Hydrolase 33, Deubiquitinating Enzyme 33, Ubiquitin Thioesterase 33, VHL-interacting Deubiquitinating Enzyme 1, VDU1, hVDU1, KIAA1097) (Biotin)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24996	**Mouse**	**Human**	**ELISA, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot**

PRODUCT SYNONYMS

USP33; Monoclonal Antibody; USP33 (Ubiquitin-specific-processing Protease 33; Ubiquitin Carboxyl-terminal Hydrolase 33; Deubiquitinating Enzyme 33; Ubiquitin Thioesterase 33; VHL-interacting Deubiquitinating Enzyme 1; VDU1; hVDU1; KIAA1097) (Biotin); EC=3.4.19.12; anti-USP33 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	5B5
Specificity	Recognizes human USP33.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Biotin.
Sequence Length	4506
Applicable Applications for anti-USP33 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), IP (Immunoprecipitation), WB (Western Blot)
Application Notes	IHC-P: 3ug/ml IF: 20ug/ml Applications are based on unconjugated antibody.
Immunogen	Partial recombinant corresponding to aa327-427 from USP33 (NP_055832) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	SDRAENENGSRCFSEDNNETTMLIQDDENNSEMSKDWQKEKMCNKINKVNSEGEFDKDRDSISETVDLNNQETVKVQIHSRASEYITDVHSNDLSTPQIL
Conjugate	Biotin
Preparation and Storage	Store product at 4 degree C if to be used immediately within two weeks. For long-term storage, aliquot to avoid repeated freezing and thawing and stor at -20 degree C. Aliquots are stable at -20 degree C for 12 months after receipt. Dilute required amount only prior to immediate use. Further dilutions can be made in assay buffer. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES

IP (Immunoprecipitation)
Immunoprecipitation of USP33 transfected lysate using anti-USP33 monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with USP33 rabbit polyclonal antibody.

Application Data
Detection limit for recombinant GST tagged USP33 is ~0.1ng/ml as a capture antibody.

IF (Immunofluorescence)
Immunofluorescence of monoclonal antibody to USP33 on HeLa cell. [antibody concentration 20ug/ml]

IHC (Immunohistochemistry)
Immunoperoxidase of monoclonal antibody to USP33 on formalin-fixed paraffin-embedded human tonsil. [antibody concentration 3ug/ml]

WB (Western Blot)
Western Blot analysis of USP33 expression in transfected 293T cell line by USP33 monoclonal antibody Lane 1: USP33 transfected lysate (103.3kD). Lane 2: Non-transfected lysate.

WB (Western Blot)
Western Blot detection against Immunogen (37.11kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-USP33 antibody	Antibodies; Ubiquitin

NCBI AND UNIPROT INFORMATION

NCBI GI #	1794418751
NCBI GeneID	23032
NCBI Accession #	NM_015017.5
NCBI GenBank Nucleotide #	NM_015017
UniProt Accession #	Q8TEY7
NCBI Official Full Name	Homo sapiens ubiquitin specific peptidase 33 (USP33), transcript variant 1, mRNA
NCBI Official Synonym Full Names	ubiquitin specific peptidase 33
NCBI Official Symbol	USP33
NCBI Official Synonym Symbols	VDU1
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 33
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 33
UniProt Gene Name	**USP33**
UniProt Synonym Gene Names	KIAA1097; VDU1
UniProt Entry Name	UBP33_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.