

## Product datasheet for **AM31097PU-N**

### USP33 Mouse Monoclonal Antibody [Clone ID: 5B5]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	5B5
Applications:	ELISA, IF, IHC, IP, WB
Recommended Dilution:	<b>ELISA.</b> <b>Immunofluorescence:</b> 20 µg/ml. <b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. <b>Immunoprecipitation.</b> <b>Western Blot:</b> 1/500 - 1/1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	USP33 antibody was raised against recombinant protein
Specificity:	This antibody reacts to USP33.
Formulation:	PBS, pH 7.2 State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	ubiquitin specific peptidase 33
Database Link:	<a href="#">Entrez Gene 23032 Human</a> <a href="#">Q8TEY7</a>



[View online »](#)

**Background:**

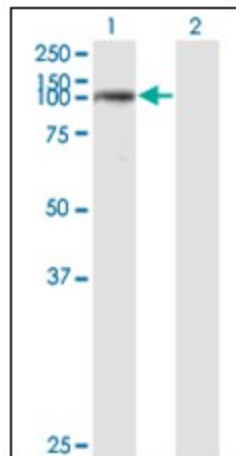
VDU1 (pVHL-interacting deubiquitinating enzyme-1), is a substrate of von Hippel-Lindau tumor suppressor protein (pVHL) E3 ligase complex. VDU1 contains the signature motifs of the ubiquitin-specific processing protease family and possesses deubiquitinating activity. VDU1 and VDU2 define a subfamily of ubiquitin specific processing proteases.

**Synonyms:**

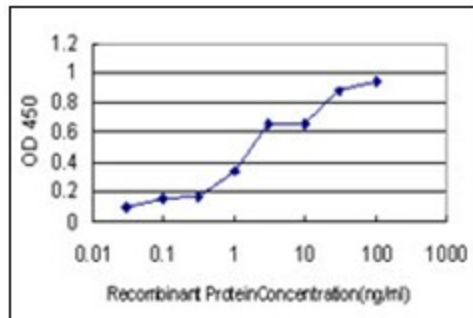
Ubiquitin carboxyl-terminal hydrolase 33, KIAA1097

**Protein Families:**

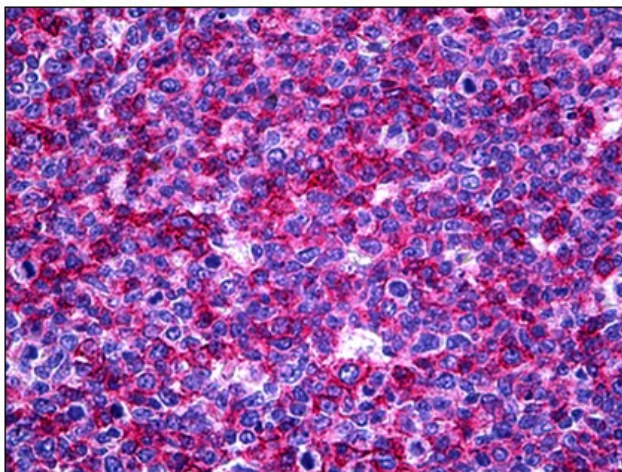
Druggable Genome, Protease

**Product images:**


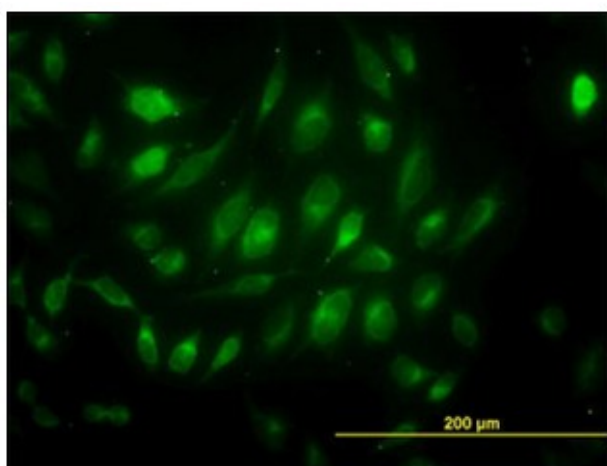
Western Blot analysis of USP33 expression in transfected 293T cell line by USP33 monoclonal antibody, clone 5B5.



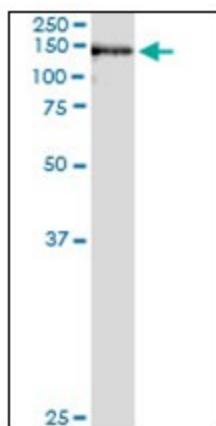
Detection limit for recombinant GST tagged USP33 is approximately 0.1ng/ml as a capture antibody.



Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)



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



Immunoprecipitation of USP33 transfected lysate using anti-USP33 monoclonal antibody and Protein A Magnetic Bead.