

For Research Use Only

# USP21 Recombinant monoclonal antibody, PBS Only

Catalog Number:87962-1-PBS



## Basic Information

<b>Catalog Number:</b> 87962-1-PBS	<b>GenBank Accession Number:</b> BC090946	<b>Purification Method:</b> Protein A purification
<b>Source:</b> Rabbit	<b>GeneID (NCBI):</b> 27005	<b>CloneNo.:</b> 260026G9
<b>Isotype:</b> IgG	<b>UNIPROT ID:</b> Q9UK80	
<b>Immunogen Catalog Number:</b> AG12316	<b>Full Name:</b> ubiquitin specific peptidase 21	
	<b>Calculated MW:</b> 565 aa, 63 kDa	
	<b>Observed MW:</b> 59 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

USP21(Ubiquitin carboxyl-terminal hydrolase 21) is also named as USP23.The USPs belong to a subclass of the protein-deubiquitinating enzyme (DUB) superfamily that are categorized into five subclasses based on their ubiquitin-protease domains in the human genome and have been shown to be involved in a broad range of biological activities(PMID:19910467). USP21 is expressed at different levels in the tissues examined. The highest level of USP21 expression is found in the heart, pancreas, and skeletal muscle. USP21 messages could also be detected in the brain, placenta, liver, and kidney but are very low in the Lung through the northern blot(PMID:10799498).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS only, pH7.3

For technical support and original validation data for this product please contact:

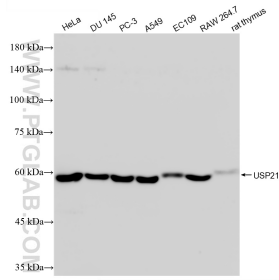
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87962-1-RR (USP21 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87962-1-PBS in a different storage buffer formulation.