

For Research Use Only

# PDRG1 Recombinant antibody, PBS Only

Catalog Number: 85851-4-PBS



## Basic Information

<b>Catalog Number:</b> 85851-4-PBS	<b>GenBank Accession Number:</b> BC009334	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 81572	<b>CloneNo.:</b> 250203E9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9NUG6	
<b>Isotype:</b> IgG	<b>Full Name:</b> p53 and DNA damage regulated 1	
<b>Immunogen Catalog Number:</b> AG9109	<b>Calculated MW:</b> 16 kDa	
	<b>Observed MW:</b> 15-16 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**Species Specificity:**  
human, rat

## Background Information

PDRG1 codes for a novel protein called p53 and DNA damage-regulated protein 1. Human PDRG1 is predominantly expressed in normal testis and its expression can be induced by UV irradiation and be repressed by p53 [PMID14562055]. Recently, PDRG1 was identified as a novel tumor marker for multiple malignancies that is selectively regulated by genotoxic stress. Its expression was upregulated in multiple malignancies including cancers of the colon, rectum, ovary, lung, stomach, breast and uterus when compared to normal tissues [PMID: 21193842], suggesting its being a novel tumor marker that could play a role in cancer development and/or progression.

## Storage

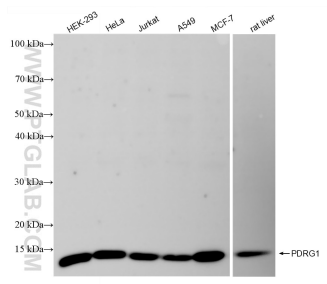
**Storage:**  
Store at -80°C.

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

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85851-4-RR (PDRG1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85851-4-PBS in a different storage buffer formulation.