

For Research Use Only

# DDR2 Monoclonal antibody

Catalog Number: 67126-1-Ig **2 Publications**



## Basic Information

<b>Catalog Number:</b> 67126-1-Ig	<b>GenBank Accession Number:</b> NM_001014796	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 2100 ug/ml by Nanodrop and 1000 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 4921	<b>CloneNo.:</b> 1E9A10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q16832	<b>Recommended Dilutions:</b> WB 1:1000-1:6000
<b>Isotype:</b> IgG1	<b>Full Name:</b> discoidin domain receptor tyrosine kinase 2	
<b>Immunogen Catalog Number:</b> AG28340	<b>Calculated MW:</b> 97 kDa	
	<b>Observed MW:</b> 100-110 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : Jurkat cells, HEK-293 cells, HepG2 cells, HeLa cells
<b>Cited Applications:</b> WB, IF	
<b>Species Specificity:</b> Human	
<b>Cited Species:</b> human	

## Background Information

DDR2 (Discoidin domain receptor 2) belongs to the receptor tyrosine kinase (RTK) family and is activated by collagen-binding. DDR2 is implicated in several physiological and pathological processes, including wound healing, angiogenesis, ovulation, spermatogenesis, extracellular matrix (ECM) remodeling and fibrosis, and tumor progression (PMID: 25805889). Moreover, DDR2 is prominently present in the fibroblasts, smooth muscle cells, myofibroblasts, and chondrocytes (PMID: 37834343).

## Notable Publications

Author	Pubmed ID	Journal	Application
Ke Yue	30983140	J Cell Mol Med	IF
Xiaowei Liu	37263336	Int J Biol Macromol	WB

## Storage

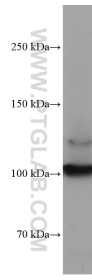
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 67126-1-Ig (DDR2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.