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[Primary Antibody]

Recombinant Rabbit Anti-DDR2 Monoclonal Antibody

Catalog Number: SLA1632M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Monoclonal
Clone No.:	12G6
GeneID:	4921
SWISS:	Q16832
Target:	DDR2
Immunogen:	A synthesized peptide derived from human Discoidin domain receptor 2
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB (1:500-2000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Mouse,Rat
Predicted MW.:	97 kDa
Background:	It functions as a cell surface receptor for fibrillar collagen and regulates cell differentiation, remodeling of the extracellular matrix, cell migration and cell proliferation. Required for normal bone development. Regulates osteoblast differentiation and chondrocyte maturation via a signaling pathway that involves MAP kinases and leads to the activation of the transcription factor RUNX2.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.