

**DDR2 Rabbit mAb**  
Catalog # AP77744**Specification**

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**DDR2 Rabbit mAb - Product Information**

Application	WB
Primary Accession	<a href="#">Q16832</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	96736

**DDR2 Rabbit mAb - Additional Information****Gene ID** 4921**Other Names**  
DDR2**Dilution**  
WB~~1/500-1/1000**Format**  
Liquid**DDR2 Rabbit mAb - Protein Information****Name** DDR2**Synonyms** NTRKR3, TKT, TYRO10**Function**

Tyrosine kinase involved in the regulation of tissues remodeling (PubMed:[30449416](http://www.uniprot.org/citations/30449416)). 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. Regulates remodeling of the extracellular matrix by up- regulation of the collagenases MMP1, MMP2 and MMP13, and thereby facilitates cell migration and tumor cell invasion. Promotes fibroblast migration and proliferation, and thereby contributes to cutaneous wound healing.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein

**Tissue Location**

Detected in osteocytes, osteoblastic cells in subchondral bone, bone lining cells, tibia and cartilage (at protein level). Detected at high levels in heart and lung, and at low levels in brain, placenta,

liver, skeletal muscle, pancreas, and kidney

### DDR2 Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### DDR2 Rabbit mAb - Images

