



[Go to Product page](#)

Datasheet for ABIN7266790

anti-DDR2 antibody

1 Image

Overview

Quantity:	100 µL
Target:	DDR2
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This DDR2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	DDR2 Rabbit mAb
Immunogen:	A synthesized peptide derived from human DDR2
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	DDR2
Alternative Name:	DDR2 (DDR2 Products)
Background:	Receptor tyrosine kinases (RTKs) play a key role in the communication of cells with their

Target Details

microenvironment. These molecules are involved in the regulation of cell growth, differentiation, and metabolism. In several cases the biochemical mechanism by which RTKs transduce signals across the membrane has been shown to be ligand induced receptor oligomerization and subsequent intracellular phosphorylation. This autophosphorylation leads to phosphorylation of cytosolic targets as well as association with other molecules, which are involved in pleiotropic effects of signal transduction. RTKs have a tripartite structure with extracellular, transmembrane, and cytoplasmic regions. This gene encodes a member of a novel subclass of RTKs and contains a distinct extracellular region encompassing a factor VIII-like domain. Alternative splicing in the 5' UTR results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008],MIG20a, NTRKR3, TKT, TYRO10,Cardiovascular,CDs,Heart,Heart_Cardiogenesis,Immunology & Inflammation,Kinase,Kinase_Tyrosine kinases,Neuroscience,Signal Transduction,DDR2

Molecular Weight: 97kDa

Gene ID: 4921

UniProt: [Q16832](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

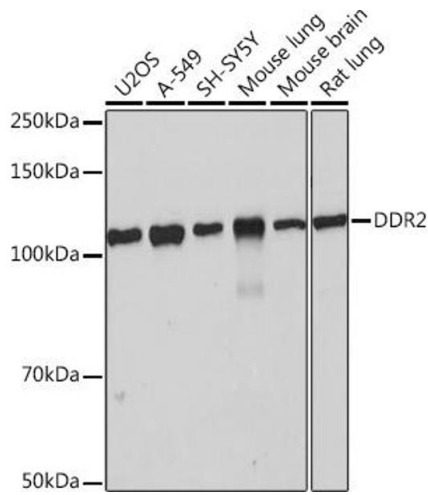
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using DDR2 Rabbit mAb (ABIN7266790) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.