

Product Information

Recombinant Anti-Human ddr2 Antibody

Cat. No.: **MOM-18341**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody is specific to Human DDR2, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

This tyrosine kinase receptor for fibrillar collagen mediates fibroblast migration and proliferation. Contributes to cutaneous wound healing.

Specific Activity

Tested positive against native antigen.

Target

DDR2

Immunogen

Purified truncated recombinant Human DDR2 expressed in E. Coli strain BL21 (DE3)

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0% as determined by analysis by RP-HPLC.

Applications

Suitable for use in IP, IF, FuncS, FC, Neut and most other immunological methods.

Storage

Store at -20°C. Avoid multiple freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[DDR2 discoidin domain receptor tyrosine kinase 2 \[Homo sapiens \]](#)

Official Symbol

DDR2

Synonyms

DDR2; discoidin domain receptor tyrosine kinase 2; discoidin domain receptor family, member 2; NTRKR3, TYRO10; discoidin domain-containing receptor 2; TKT; tyrosylprotein kinase; hydroxyaryl-protein kinase; discoidin domain receptor 2; tyrosine-protein kinase TYRO10; CD167 antigen-like family member B; cell migration-inducing protein 20; migration-inducing gene 16 protein; receptor protein-tyrosine kinase TKT; discoidin domain receptor family, member 2; neurotrophic tyrosine kinase receptor related 3; neurotrophic tyrosine kinase, receptor-related 3; discoidin domain-containing receptor tyrosine kinase 2; MIG20a; NTRKR3; TYRO10

Gene ID

[4921](#)

mRNA Refseq

[NM_001014796](#)

Protein Refseq

[NP_001014796](#)

MIM

[191311](#)

UniProt ID

Q16832

Chromosome Location

1q12-q23

Pathway

Endochondral Ossification, organism-specific biosystem;

Function

ATP binding; collagen binding; kinase activity; nucleotide binding; protein tyrosine kinase collagen receptor activity; receptor activity; transmembrane receptor protein tyrosine kinase activity;