DDR2 Antibody / Discoidin domain receptor 2 [clone 484CT5.5.4] (F53649)

Catalog No.	Formulation	Size
F53649-0.1ML	In ascites with 0.09% sodium azide	0.1 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Ascites
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1
Clone Name	484CT5.5.4
Purity	Ascites
UniProt	Q16832
Applications	Western blot: 1:100-1:1600
Limitations	This DDR2 antibody is available for research use only.



DDR2 antibody western blot analysis in HepG2 lysate. Predicted molecular weight: 97-116 kDa.

Description

Receptor tyrosine kinases (RTKs) play a key role in the communication of cells with their 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].

Application Notes

Titration of the DDR2 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 290-320 from the human protein was used as the immunogen for this DDR2 antibody.

Storage

Aliquot the DDR2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Alternate Names

TYRO10

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