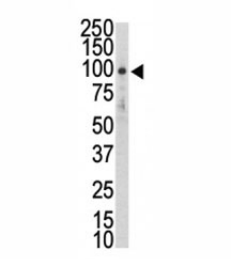
DDR2 Antibody / Discoidin domain receptor 2 (F50687)

Catalog No.	Formulation	Size
F50687-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F50687-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q16832
Applications	Western blot: 1:1000
Limitations	This DDR2 antibody is available for research use only.



Western blot analysis of DDR2 antibody and HL-60 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. There are several subclasses of RTKs and TYRO10 belongs to a novel subclass. The deduced amino acid sequence of TYRO10

has a unique extracellular region encompassing a factor VIII-like domain, not previously described for RTKs.

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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