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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NF1 monoclonal antibody (M01), clone 2D1

Catalog # : H00004763-M01

規格 : [100 ug]

[List All](#)

Specification

Product Description: Mouse monoclonal antibody raised against a partial recombinant NF1.

Immunogen: NF1 (NP_000258, 2719 a.a. ~ 2818 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

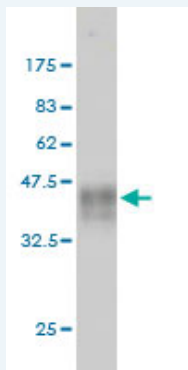
Sequence: DTYLPGIDEETSEESLLTPTSPYPPALQSQLSITANLNLNSMSTLATSQHS
SPGIDKENVELSPTTGHCNSGRTRHGSASQVQKQRSAGSFKRNSIKKIV

Host: Mouse

Reactivity: Human

Isotype: IgG2a Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (36.74 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

Datasheet: [Download](#)

Applications

Western Blot (Recombinant protein)

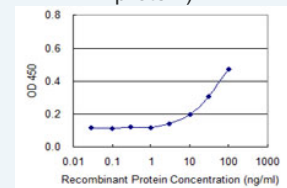
[Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Application Image

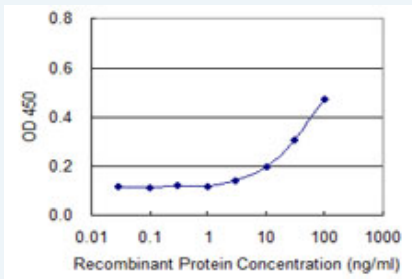
Western Blot (Recombinant protein)

Sandwich ELISA (Recombinant protein)



[enlarge](#)

ELISA



Detection limit for recombinant GST tagged NF1 is approximately 3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [4763](#)

GeneBank [NM_000267](#)

Accession#:

Protein [NP_000258](#)

Accession#:

Gene Name: NF1

Gene Alias: DKFZp686J1293,FLJ21220,NFNS,VRNF,WSS

Gene neurofibromin 1

Description:

Omim ID: [162200](#), [162210](#), [193520](#), [601321](#), [607785](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene product appears to function as a negative regulator of the ras signal transduction pathway. Mutations in this gene have been linked to neurofibromatosis type 1, juvenile myelomonocytic leukemia and Watson syndrome. The mRNA for this gene is subject to RNA editing (CGA>UGA->Arg1306Term) resulting in premature translation termination. Alternatively spliced transcript variants encoding different isoforms have also been described for this gene. [provided by RefSeq]

Other neurofibromin

Designations:

Gene Pathway

[MAPK signaling pathway](#)

Related Disease

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[Genetic Predisposition to Disease](#) [Growth Disorders](#) [Learning Disorders](#)
[Leukemia, Myeloid, Acute](#) [Multiple endocrine neoplasia](#) [Myelodysplastic Syndromes](#)
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[Pancreatic cancer](#)

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