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Datasheet for ABIN561967

## anti-Neurofibromin 1 antibody (AA 2719-2818)

### 2 Images

#### Overview

Quantity:	100 µg
Target:	Neurofibromin 1 (NF1)
Binding Specificity:	AA 2719-2818
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Neurofibromin 1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

#### Product Details

Purpose:	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:	DTYLPGIDEE TSEESLLTPT SPYPPALQSQ LSITANLNLS NSMTSLATSQ HSPGIDKENV ELSPTTGHEN SGRTRHGSAS QVQKQRSAGS FKRNSIKKIV
Clone:	2D1
Isotype:	IgG2a
Cross-Reactivity:	Human
Characteristics:	Antibody Reactive Against Recombinant Protein.

## Target Details

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Target:	Neurofibromin 1 (NF1)
Alternative Name:	NF1 ( <a href="#">NF1 Products</a> )
Background:	Full Gene Name: neurofibromin 1 Synonyms: DKFZp686J1293,FLJ21220,NFNS,VRNF,WSS
Gene ID:	4763
NCBI Accession:	<a href="#">NM_000267</a>
Pathways:	<a href="#">cAMP Metabolic Process</a> , <a href="#">Regulation of long-term Neuronal Synaptic Plasticity</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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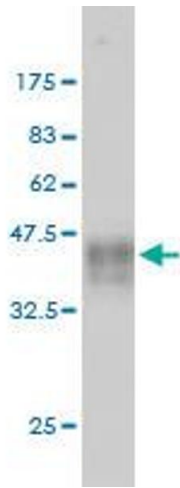
Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Images

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### ELISA

**Image 1.** Detection limit for recombinant GST tagged NF1 is approximately 3ng/ml as a capture antibody.



### Western Blotting

**Image 2.** Western Blot detection against Immunogen (36.74 KDa).