


## Product datasheet

# Anti-alpha Internexin antibody [1D2] ab39432

### Overview

<b>Product name</b>	Anti-alpha Internexin antibody [1D2]
<b>Description</b>	Mouse monoclonal [1D2] to alpha Internexin
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Rat, Cat, Human <b>Predicted to work with:</b> Mammals 
<b>Immunogen</b>	Tissue/ cell preparation (Rat)

### Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.01% Sodium azide Constituents: 0.1% BSA, 50% Glycerol
<b>Purity</b>	Tissue culture supernatant
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	1D2
<b>Isotype</b>	unknown

### Applications

Our [Abpromise guarantee](#) covers the use of **ab39432** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		
ICC/IF		
IHC-P		

**Application notes**

ICC/IF: 1/100 - 1/1000.

WB: 1/500 - 1/2500. Predicted molecular weight: 55 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

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**Target****Function**

Class-IV neuronal intermediate filament that is able to self-assemble. It is involved in the morphogenesis of neurons. It may form an independent structural network without the involvement of other neurofilaments or it may cooperate with NF-L to form the filamentous backbone to which NF-M and NF-H attach to form the cross-bridges.

**Tissue specificity**

Found predominantly in adult CNS.

**Sequence similarities**

Belongs to the intermediate filament family.

**Developmental stage**

Expressed in brain as early as the 16th week of gestation, and increased rapidly and reached a steady state level by the 18th week of gestation.

**Post-translational modifications**

O-glycosylated.

Phosphorylated upon DNA damage, probably by ATM or ATR.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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