

# Product Datasheet

## alpha-Internexin Antibody (2E4)

### NBP2-31199

Unit Size: 0.1 ml

Store at -20C. Avoid freeze-thaw cycles.

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**NBP2-31199****alpha-Internexin Antibody (2E4)**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	This product is unpurified. The exact concentration of antibody is not quantifiable.
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	2E4
<b>Preservative</b>	0.01% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Tissue culture supernatant
<b>Buffer</b>	1 mg/ml BSA and 50% Glycerol
<b>Target Molecular Weight</b>	65 kDa
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	9118
<b>Gene Symbol</b>	INA
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	Human, Rat. Predicted to React with most Mammals based on sequence homology.
<b>Marker</b>	Immature Neuronal Marker
<b>Immunogen</b>	Recombinant rat alpha-internexin/NF66
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2500, Immunohistochemistry 1:2000-1:5000, Immunocytochemistry/Immunofluorescence 1:100-1:1000, Immunohistochemistry-Paraffin 1:2000-1:5000, Immunohistochemistry-Frozen 1:2000-1:5000
<b>Application Notes</b>	For immunohistochemistry, the antibody can be used on formalin-fixed, paraffin-embedded tissue sections, formalin-fixed tissue cultured cells, and on frozen tissue sections. The epitope recognized by the 2E3 clone is in the C-terminal non-helical extension of the protein and is unusually resistant to aldehyde fixation. Hence, the 2E3 antibody is well suited for studies of paraffin-embedded, formalin-fixed tissue sections. On Western blots, alpha-internexin is detected as a major band of ~64-66 kDa (product citation 3). Minor bands at ~150 kDa may represent dimers, and bands at ~50 kDa represent alpha-internexin breakdown products. The 1D2 antibody has been evaluated in human and rat, and based on sequence homology is expected to cross-react with all mammals.



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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