

# Product Datasheet

## Filensin Antibody (FIL-7B10) NB120-11218

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB120-11218****Filensin Antibody (FIL-7B10)****Product Information**

<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 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	FIL-7B10
<b>Preservative</b>	0.9% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Unpurified
<b>Buffer</b>	Ascites

**Product Description**

<b>Host</b>	Mouse
<b>Gene ID</b>	631
<b>Gene Symbol</b>	BFSP1
<b>Species</b>	Human, Bovine, Sheep, Chicken (Negative), Mouse (Negative), Rat (Negative)
<b>Reactivity Notes</b>	Cross-reacts with Human, Cow and Sheep. Does not cross-react with Mouse, Rat or Chicken. Not yet tested in other species.
<b>Specificity/Sensitivity</b>	The antibody recognizes an epitope located within either the rod or the N-terminal non-(a) helical domain of the filensin molecule. May be used in immunoblotting where it specifically detects both the full-length filensin (115 kDa), the processed fragment, and a variety of breakdown products in the mol. wt. range of 28-69 kDa. Does not react with cultured lens epithelial cells nor with normal human skin, psoriatic or tumoral skin (basal cell carcinoma).
<b>Immunogen</b>	Human and bovine lens filament enriched fraction (plasma membrane cytoskeleton complex).

**Product Application Details**

<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:10-1:2000
<b>Application Notes</b>	IF: Use at an assay dependent dilution. WB: Use at an assay dependent dilution. Detects a band of approximately 115 kDa (full length filensin) and a band of approximately 53 kDa (processed filensin fragment). It also reacts with a variety of breakdown products of filensin in the range of 28-69 kDa. Not tested in other applications. Optimal dilutions/concentrations should be determined by the end user.



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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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