

# Product Datasheet

## **Involucrin Antibody** **NBP2-34402-0.2 mg**

Unit Size: 0.2 mg

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

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Updated 6/26/2014 v.20.1

**NBP2-34402-0.2 mg**

Involucrin Antibody (SPM259) [Azide Free]

<b>Product Information</b>	
<b>Unit Size</b>	0.2 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<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>	SPM259
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	Azide Free
<b>Purity</b>	Protein A purified
<b>Buffer</b>	10 mM PBS. Does not contain BSA
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	3713
<b>Gene Symbol</b>	IVL
<b>Species</b>	Human, Canine, Primate, Porcine, Mouse (Negative)
<b>Species Reactivity</b>	Gorilla, Owl monkey
<b>Specificity/Sensitivity</b>	It recognizes a protein of 66kDa-170kDa, identified as involucrin. In Western blotting of cultured human keratinocytes, this MAb reacts with a 120kDa protein. It stains the involucrin in a variety of sizes: 170kDa in MCF-7 cells, a doublet of ~115kDa and 150kDa in gorilla and owl monkey, 66kDa in dog, and a doublet of 105kDa in pig. Its epitope maps between codon 421-568 of human involucrin.
<b>Immunogen</b>	Purified involucrin from human keratinocytes
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Flow Cytometry 0.5-1ug/million cells, Immunocytochemistry/Immunofluorescence 1-2ug/ml, Immunoprecipitation 1-2ug/500ug, Western Blot 0.5-1.0ug/ml, Immunohistochemistry-Frozen 0.5-1.0ug/ml, Immunohistochemistry-Paraffin 1-2ug/ml, ELISA 1-5ug/ml for coating
<b>Application Notes</b>	Immunohistochemistry (Staining of paraffin tissues is ENHANCED by digestion with trypsin at 1mg/ml PBS for 5 min at 37 C)





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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.

**For more information on our guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee).**

