

# Product Datasheet

## PARP Antibody NSB698

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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**NSB698**

PARP Antibody

<b>Product Information</b>	
<b>Unit Size</b>	0.1 ml
<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>	Polyclonal
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Dulbecco's PBS (pH 7.3), 1.0 mg/ml and 50% Glycerol

<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	142
<b>Gene Symbol</b>	PARP1
<b>Species</b>	Human, Bovine
<b>Reactivity Notes</b>	Cross-reacts with Cow and Human. Not yet tested in other species.
<b>Specificity/Sensitivity</b>	This specifically recognizes the 85 kDa fragment of cleaved PARP and can be used as marker for detecting apoptotic cells.
<b>Immunogen</b>	Synthetic peptide (Human) corresponding to N-terminus of cleavage site (214/215) of human PARP.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:10-1:500
<b>Application Notes</b>	Immunocytochemistry: Use at a dilution of 1/100. Western Blot: Use at a dilution of 1/1000. Predicted molecular weight: 85 kDa. Can be blocked with PARP Cleavage site antibody peptide. Optimal dilutions/concentrations should be determined by the end user.

**Publications**

Tuturro, F et al. Model of inhibition of the NPM-ALK kinase activity by herbimycin A. Clin. Cancer Res. 8(1):240-245. 2002-01-01 [PMID: 11801565]

Leemans, JC et al. Depletion of alveolar macrophages exerts protective effects in pulmonary tuberculosis in mice. J. Immunol. 166(7):4604-4611. 2001-01-01 [PMID: 11254718]





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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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