

# Product Datasheet

## BRCA1 Antibody (GLK-2) NB120-17251

Unit Size: 0.25 ml

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

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**NB120-17251****BRCA1 Antibody (GLK-2)**

<b>Product Information</b>	
<b>Unit Size</b>	0.25 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>	GLK-2
<b>Preservative</b>	Sodium Azide
<b>Isotype</b>	IgM
<b>Purity</b>	Tissue culture supernatant
<b>Buffer</b>	Tissue culture supernatant
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	672
<b>Gene Symbol</b>	BRCA1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Cross-reacts with Human. Expected to cross-react with Cow (94% identity with immunogen), Chimpanzee (100% identity with immunogen), Dog (100% identity with immunogen), Gorilla (100% identity with immunogen) and Rhesus monkey (100% identity with immunogen) due to sequence homology. Not yet tested in other species.
<b>Specificity/Sensitivity</b>	Stains 94% of ovarian carcinomas with a mutation in exon 11. However, staining is absent in 100% of tumors with mutations other than exon 11.
<b>Immunogen</b>	Synthetic peptide: LDSVALYQCQELDTYLIPQIPHSHY, corresponding to C terminal amino acids 1839-1863 of Human BRCA1.
<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500
<b>Application Notes</b>	IHC-P: 1/15 - 1/50 in an ABC method. An incubation period of 30-60 minutes at room temperature is recommended. Perform heat mediated antigen retrieval with 10 mM citrate buffer, pH 6.0 prior to immunostaining. 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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