

Monoclonal Mouse Antibody to BRCA1

Catalog No.:	Mob 424, Mob 424-05
Applications:	Research Use Only. Optimal working conditions must be determined by the end user.
Immunogen:	Peptide corresponding to amino acids 1839-1863 of the c-terminus of BRCA1.
Clone:	GLK-2
Isotype:	IgM, kappa
Format:	This antibody is supplied as tissue culture supernatant containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:15-1:50 in an ABC method. The final dilution should be determined by the user depending on the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30-60 minutes at room temperature. Optimal incubation should be determined by the user based upon the fixation conditions and staining system employed. <u>Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.</u>
Specificity:	BRCA1 recognizes a 22kD protein. This antibody stains 94% of ovarian carcinomas with a mutation in exon 11. Staining was absent in 100% of tumors with mutations other than exon 11.
Positive Control:	Ovarian carcinoma
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	Kashima et al. Jpn J Canc Res 91: 399, 2000.

RUO: Research Use Only

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

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