

BRD4 monoclonal antibody, clone CL1118

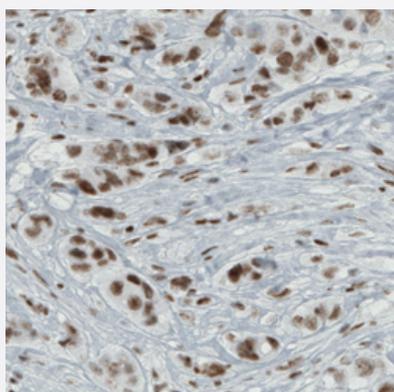
Catalog # MAB15659 Size 100 uL

Applications



Western Blot (Cell lysate)

Western Blot analysis of U-251 MG cell lysate with BRD4 monoclonal antibody, clone CL1118 (Cat # MAB15659).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast cancer with BRD4 monoclonal antibody, clone CL1118 (Cat # MAB15659) shows strong nuclear immunoreactivity in tumor cells.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human BRD4.
Immunogen	Recombinant protein corresponding to human BRD4.
Epitope	This antibody binds to an epitope located within the peptide sequence EAPSPLMIHSPQMSQ as determined by overlapping synthetic peptides.
Sequence	PQPAKPQQVIQHHHSPRHHKSDPYSTGHLREAPSPLMIHSPQMSQFQSLTHQSPQNNVQPKK QELRAASVVQPQPLVVVKEEKIHSPHSEPFSPSLRPEPPKHPESIKAPVHLPQRPEMKPVDVG RPVIRPPEQNAPPP

Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

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Gene Info — BRD4

Entrez GeneID	23476
Protein Accession#	O60885
Gene Name	BRD4
Gene Alias	CAP, HUNK1, HUNKI, MCAP
Gene Description	bromodomain containing 4
Omim ID	608749
Gene Ontology	Hyperlink

Gene Summary

The protein encoded by this gene is homologous to the murine protein MCAP, which associates with chromosomes during mitosis, and to the human RING3 protein, a serine/threonine kinase. Each of these proteins contains two bromodomains, a conserved sequence motif which may be involved in chromatin targeting. This gene has been implicated as the chromosome 19 target of translocation t(15;19)(q13;p13.1), which defines an upper respiratory tract carcinoma in young people. Two alternatively spliced transcript variants have been described. [provided by RefSeq]

Other Designations

bromodomain-containing 4|bromodomain-containing protein 4|chromosome-associated protein