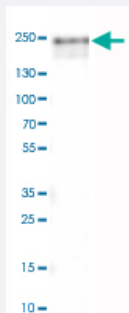


# BRD4 monoclonal antibody, clone CL1115

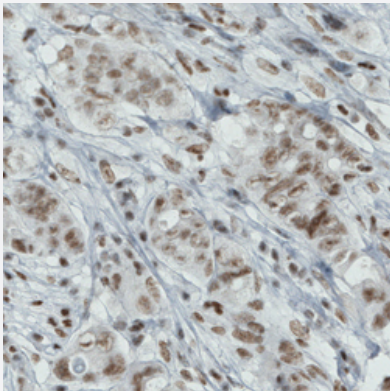
Catalog # MAB15658      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot analysis of U-251 MG cell lysate with BRD4 monoclonal antibody, clone CL1115 (Cat # MAB15658).



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast cancer with BRD4 monoclonal antibody, clone CL1115 (Cat # MAB15658) shows moderate nuclear immunoreactivity in tumor cells.

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against partial recombinant human BRD4.
<b>Immunogen</b>	Recombinant protein corresponding to human BRD4.
<b>Epitope</b>	This antibody binds to an epitope located within the peptide sequence PQPAKPQQVIQHHHS as determined by overlapping synthetic peptides.
<b>Sequence</b>	PQPAKPQQVIQHHHS PRHHKSDPYSTGHLREAPSPLMIHSPQMSQFQSLTHQSPQNNVQPKK 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.

## Applications

- Western Blot (Cell lysate)

Western Blot analysis of U-251 MG cell lysate with BRD4 monoclonal antibody, clone CL1115 (Cat # MAB15658).

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast cancer with BRD4 monoclonal antibody, clone CL1115 (Cat # MAB15658) shows moderate nuclear immunoreactivity in tumor cells.

## Gene Info — BRD4

Entrez GeneID	<a href="#">23476</a>
Protein Accession#	<a href="#">O60885</a>
Gene Name	BRD4
Gene Alias	CAP, HUNK1, HUNKI, MCAP
Gene Description	bromodomain containing 4
Omim ID	<a href="#">608749</a>
Gene Ontology	<a href="#">Hyperlink</a>

**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