

RecomAb™

## BRD4 recombinant monoclonal antibody, clone RAB-C131

Catalog # RAB03103      Size 100 ug

### Specification

Product Description	Human recombinant monoclonal antibody raised against human BRD4.
Antibody Species	Human
Immunogen	Original antibody is raised against recombinant human BRD4 protein under non-denaturing conditions.
Reactivity	Human
Form	Liquid
Isotype	Fab fragment kappa
Recommend Usage	ChIP ELISA Flow Cytometry Immunofluorescence The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS with 0.02% Proclin 300
Storage Instruction	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Aliquot to avoid repeated freezing and thawing.

### Applications

- ChIP
- Immunofluorescence
- Enzyme-linked Immunoabsorbent Assay
- Flow Cytometry

## Gene Info — BRD4

**Entrez GeneID** [23476](#)**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