

A12677

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## BRD4 Rabbit mAb

Catalog No.: A12677

Recombinant

2 Publications

### Basic Information

#### Observed MW

120kDa/140kDa/200kDa

#### Calculated MW

152kDa

#### Category

SMab Recombinant Monoclonal Antibody

#### Applications

WB, IHC-P, ELISA

#### Cross-Reactivity

Human

#### CloneNo number

ARC0699

### Background

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.

### Recommended Dilutions

WB	1:500 - 1:2000
IHC-P	1:50 - 1:200

### Immunogen Information

Gene ID	Swiss Prot
23476	O60885

#### Immunogen

A synthetic peptide corresponding to a sequence within amino acids 100-200 of human BRD4 (O60885).

#### Synonyms

CAP; MCAP; HUNK1; HUNKI; FSHRG4; BRD4

### Contact



[www.abclonal.com](http://www.abclonal.com)

### Product Information

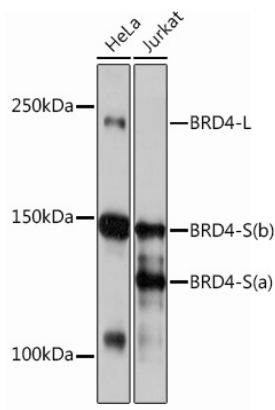
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

#### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data



Western blot analysis of extracts of various cell lines, using BRD4 Rabbit mAb (A12677) at 1:1000 dilution.

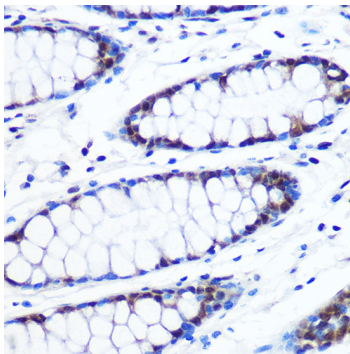
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded human colon using BRD4 Rabbit mAb (A12677) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.