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**Product Name: Brd4 Rabbit Monoclonal Antibody****Catalog #: AMRe86769**

For research use only.

**Summary**

|                      |  |
|----------------------|--|
| <b>Description</b>   | Recombinant rabbit monoclonal antibody   |
| <b>Host</b>          | Rabbit   |
| <b>Application</b>   | WB,IHC,ICC/IF,FC   |
| <b>Reactivity</b>    | Human,Mouse,Rat  |
| <b>Conjugation</b>   | Unconjugated   |
| <b>Modification</b>  | Unmodified   |
| <b>Isotype</b>       | IgG  |
| <b>Clonality</b>     | Monoclonal   |
| <b>Form</b>          | Liquid   |
| <b>Concentration</b> |  |
| <b>Storage</b>       | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.  |
| <b>Shipping</b>      | Ice bags   |
| <b>Buffer</b>        | Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt. |
| <b>Purification</b>  | Affinity Purification  |

**Application**

|                         |   |
|-------------------------|---|
| <b>Dilution Ratio</b>   | WB 1:500-1:2000,IHC 1:100-1:200,ICC/IF 1:100-1:200,FC 1:20-1:50 |
| <b>Molecular Weight</b> | Calculated MW:152 kDa; Observed MW:152 kDa                      |

**Antigen Information**

|                          |                                   |
|--------------------------|-----------------------------------|
| <b>Gene Name</b>         | Brd4                              |
| <b>Alternative Names</b> | CAP; MCAP; HUNK1; HUNKI           |
| <b>Gene ID</b>           | 23476                             |
| <b>SwissProt ID</b>      | O60885                            |
| <b>Immunogen</b>         | A synthetic peptide of human Brd4 |

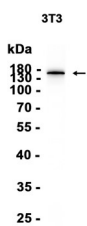
**Background**

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. [provided by RefSeq, Jul 2008]

## Research Area

## Image Data



Western blot analysis of extracts from 3T3 cells using Brd4 Rabbit Monoclonal Antibody at 1:1000.