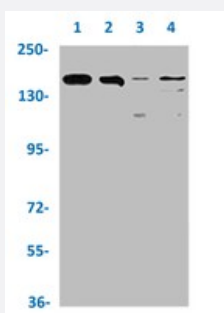


RecomAb™

BRD4 recombinant monoclonal antibody, clone 1E5

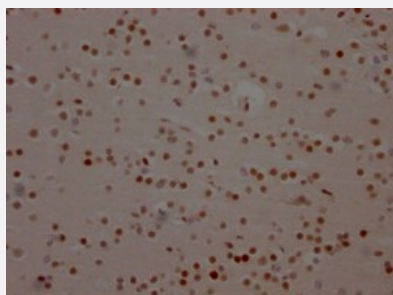
Catalog # RAB04386 Size 100 uL

Applications



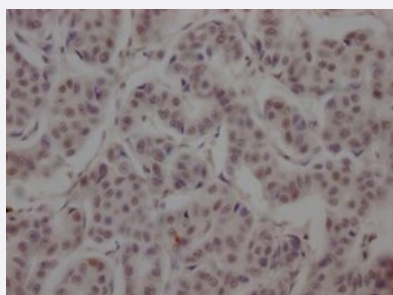
Western Blot

Western blot analysis of Lane 1: Hela whole cell lysate, Lane 2: 293T whole cell lysate, Lane 3: HepG2 whole cell lysate and Lane 4: A549 whole cell lysate with BRD4 recombinant monoclonal antibody, clone 1E5 (Cat # RAB04386).



Immunohistochemistry

Immunohistochemical staining of human brain tissue with BRD4 recombinant monoclonal antibody, clone 1E5 (Cat # RAB04386) (diluted at 1:100).



Immunohistochemistry

Immunohistochemical staining of human breast cancer with BRD4 recombinant monoclonal antibody, clone 1E5 (Cat # RAB04386) (diluted at 1:100).

Specification

Product Description

Rabbit recombinant monoclonal antibody raised against human BRD4.

Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human BRD4.
Theoretical MW (kDa)	Calculated MW: 153,
Reactivity	Human
Form	Liquid
Purification	Affinity chromatography
Isotype	IgG
Recommend Usage	ELISA Immunohistochemistry (1:50-1:200) Western Blot (1:500-1:5000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)
Storage Instruction	Store at -20°C or -80°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

Western blot analysis of Lane 1: Hela whole cell lysate, Lane 2: 293T whole cell lysate, Lane 3: HepG2 whole cell lysate and Lane 4: A549 whole cell lysate with BRD4 recombinant monoclonal antibody, clone 1E5 (Cat # RAB04386).

- Immunohistochemistry

Immunohistochemical staining of human brain tissue with BRD4 recombinant monoclonal antibody, clone 1E5 (Cat # RAB04386) (diluted at 1:100).

- Immunohistochemistry

Immunohistochemical staining of human breast cancer with BRD4 recombinant monoclonal antibody, clone 1E5 (Cat # RAB04386) (diluted at 1:100).

- Enzyme-linked Immunoabsorbent Assay

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	<p>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]</p>
Other Designations	bromodomain-containing 4 bromodomain-containing protein 4 chromosome-associated protein