For research purposes only, not for human use

Product Data Sheet

Recombinant Anti-BRD4 Rabbit mAb

Catalog #	Source	Reactivity	Applications
CMA4335	Rabbit	H	WB, IF/IC

Description	Recombinant rabbit monoclonal antibody to BRD4
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within human BRD4. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Specificity	Recognizes endogenous levels of BRD4 protein
Clonality	Monoclonal
Conjugation	
Form	Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.
Dilution	WB (1/500 - 1/1000), IF/IC (1/50 - 1/200)
Gene Symbol	BRD4
Alternative Names	HUNK1; Bromodomain-containing protein 4; Protein HUNK1
Entrez Gene	23476 (Human)
SwissProt	O60885 (Human)
Storage/Stability	Shipped at 4°C. Upon delivery aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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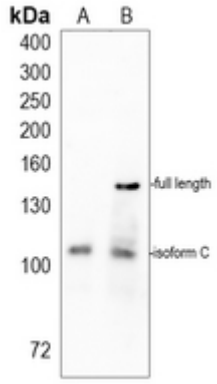
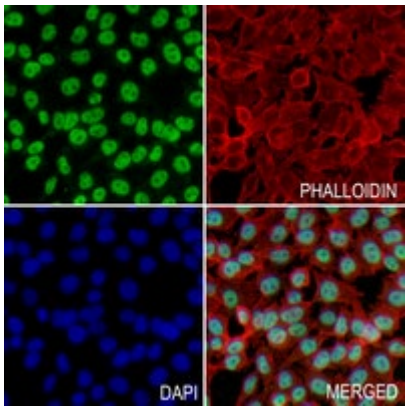


Western blot analysis of BRD4 expression in HEK293T (A), HepG2 (B) whole cell lysates. (Predicted band size: 152 kD; Observed band size: 152, 105 kD)



Immunofluorescent analysis of BRD4 staining in A375 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

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