

## Product datasheet for **TA386451**

### BRD4 Rabbit Monoclonal Antibody [Clone ID: RAB-C131]

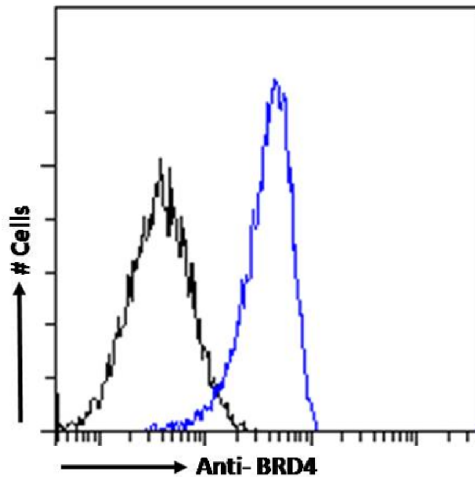
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	RAB-C131
Applications:	ChIP, ELISA, FC, IF
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG, kappa
Clonality:	Monoclonal
Immunogen:	This antibody was obtained by recombinant antibody (rAb) phage display recognizing BRD4 protein under non-denaturing conditions.
Specificity:	<p>This antibody recognizes BRD4 (Bromodomain-containing protein 4). It binds to a folded domain, amino acids 333-460. BRD4 is a chromatin reader protein that recognizes and binds acetylated histones and plays a key role in transmission of epigenetic memory.</p> <p>This antibody has been used and recommended for the following methods: ELISA; IF; FC; spiked-IP; ChIP.</p>
Formulation:	PBS with 0.02% Proclin 300.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Please store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C. Avoid freeze and thaw cycles.
Stability:	3 years from dispatch.
Gene Name:	bromodomain containing 4
Database Link:	<a href="#">Entrez Gene 23476 Human O60885</a>
Synonyms:	CAP; HUNK1; HUNKI; MCAP
Note:	This chimeric rabbit antibody was made using the variable domain sequences of the original Human Fab format, for improved compatibility with existing reagents, assays and techniques.



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## Product images:



Flow cytometry using the anti-BRD4 antibody RAB-C131 (TA386451). HepG2 cells were fixed using 2% PFA and stained with anti-unknown specificity antibody ([TA385792]; isotype control, black line) or the rabbit IgG1 version of RAB-C131 (TA386451, blue line) at a dilution of 1:100 for 1h at RT. After washing, the bound antibody was detected using a goat anti-rabbit IgG AlexaFluor® 488 antibody at a dilution of 1:1000 and cells analyzed using a FACSCanto flow-cytometer.



Western Blot using anti-BRD4 antibody RAB-C131 (TA386451) Nuclear lysate of K562 cells (35µg protein in RIPA buffer) was resolved on a SDS PAGE gel and blots were probed with the chimeric rabbit version of RAB-C131 (TA386451) at 0.03 µg/ml before detection using an anti-rabbit secondary antibody. A primary incubation of 1h was used and protein was detected by chemiluminescence.