

## ARG45500 anti-BRD2 antibody

Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes BRD2
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, WB
Specificity	BRD2
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	BRD2
Species	Human
Immunogen	Recombinant protein containing to human BRD2.
Conjugation	Un-conjugated
Alternate Names	O27.1.1; FSH; RING3; D6S113E; FSRG1; Really interesting new gene 3 protein; NAT; Bromodomain-containing protein 2; RNF3

### Application Instructions

Application table	Application	Dilution
	FACS	1 - 3 µg/10 <sup>6</sup> cells
	ICC/IF	5 µg/ml
	WB	0.25-0.5 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Observed Size	110 kDa	

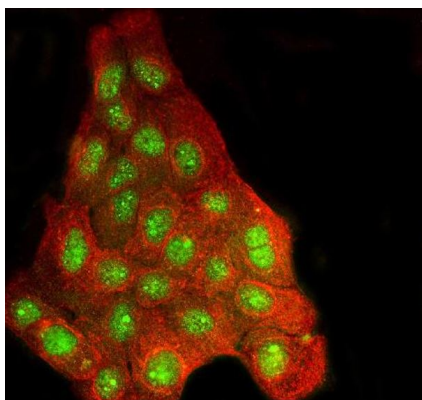
### Properties

Form	Powder
Purification	Affinity purified
Buffer	0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.9% NaCl and 4% Trehalose.
Stabilizer	4% Trehalose
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

## Bioinformation

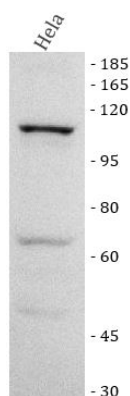
Gene Symbol	BRD2
Gene Full Name	bromodomain containing 2
Background	BRD2 (bromodomain-containing 2) is a nuclear mitogen-activated kinase that plays a role in transcription of cell-cycle-regulated genes by functioning as an adapter protein that recruits E2F and chromatin remodeling factors to E2F response elements.
Function	May play a role in spermatogenesis or folliculogenesis (By similarity). Binds hyperacetylated chromatin and plays a role in the regulation of transcription, probably by chromatin remodeling. Regulates transcription of the CCND1 gene. Plays a role in nucleosome assembly. [UniProt]
Calculated Mw	88 kDa
PTM	Acetylation; Phosphoprotein. [UniProt]
Cellular Localization	Chromosome; Nucleus. [UniProt]

## Images



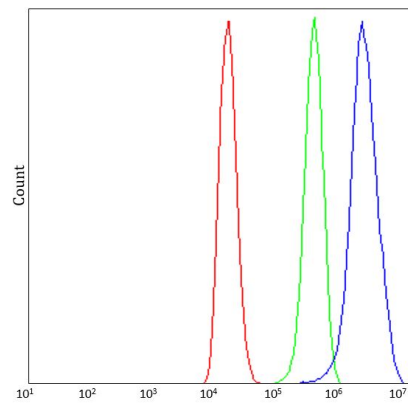
ARG45500 anti-BRD2 antibody ICC/IF image

Immunofluorescence: A431 stained with ARG45500 anti-BRD2 antibody at 5 µg/ml dilution.



ARG45500 anti-BRD2 antibody WB image

Western blot: HeLa stained with ARG45500 anti-BRD2 antibody at 0.5 µg/ml dilution.



#### ARG45500 anti-BRD2 antibody FACS image

Flow Cytometry: 293T stained with ARG45500 anti-BRD2 antibody at  $1 \mu\text{g}/10^6$  cells dilution.