

Datasheet for ABIN6731019

Recombinant anti-BRD4 antibody (AA 149-284)



[Go to Product page](#)

1 Image

Overview

Quantity:	100 µg
Target:	BRD4
Binding Specificity:	AA 149-284
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This BRD4 antibody is un-conjugated
Application:	Chromatin Immunoprecipitation (ChIP), ChIP DNA-Sequencing (ChIP-seq)

Product Details

Brand:	AbFlex®
Immunogen:	This antibody was raised against a recombinant protein comprising amino acids 149-284 of human BRD4.
Isotype:	IgG
Purification:	Protein A Chromatography

Target Details

Target:	BRD4
Alternative Name:	BRD4 (BRD4 Products)

Target Details

Molecular Weight: 180 kDa

Pathways: [Chromatin Binding](#), [SARS-CoV-2 Protein Interactome](#)

Application Details

Application Notes:

Validated Applications:

ChIP-Seq: 4 µg per ChIP

Comment: AbFlex® antibodies are recombinant antibodies (rAbs) that have been generated using defined DNA sequences to produce highly specific, reproducible antibodies. Each AbFlex antibody contains a 6XHis tag, an avidin tag sequence for enzymatic biotin conjugation using the biotin ligase, BirA, and a sortase recognition motif (LPXTG) to attach a variety of labels directly to the antibody including fluorophores, enzymatic substrates (HRP, AP), peptides, drugs as well as solid supports. AbFlex BRD4 antibody was expressed in 293 cells and contains rabbit immunoglobulin heavy and light chains.

Restrictions: For Research Use only

Handling

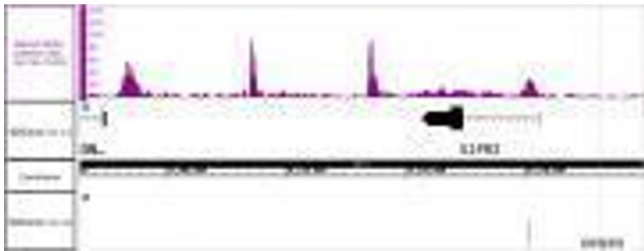
Format: Liquid

Buffer: Purified IgG in 140 mM Hepes, pH 7.5, 70 mM NaCl, 32 mM NaOAc, 0.035 % sodium azide, 30 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C



ChIP DNA-Sequencing

Image 1. BRD4 recombinant antibody (rAb) tested by ChIP-Seq Chromatin immunoprecipitation (ChIP) was performed using the High Sensitivity Kit with 30 µg of HCT-15 cells (human colorectal adenocarcinoma line chromatin) and 4 µg of BRD4 antibody. ChIP DNA was sequenced on the Illumina NextSeq and 14.5 million sequence tags were mapped to identify BRD4 binding sites on chromosome 19.