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Datasheet for ABIN5649831

anti-BRD4 antibody

2 Images

Overview

Quantity:	100 µL
Target:	BRD4
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BRD4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Purpose:	Mouse monoclonal antibody raised against partial recombinant human BRD4.
Immunogen:	Recombinant protein corresponding to human BRD4.
Sequence:	PQPAKPQQVI QHHHSPRHHK SDPYSTGHLR EAPSPLMIHS PQMSQFQSLT HQSPPQQNVQ PKKQELRAAS VVQPQPLVVV KEEKIHSPII RSEPFSPSLR PEPPKHPESI KAPVHLPQRP EMKPVVDVGRP VIRPPEQNAP PP
Clone:	CL1115
Isotype:	IgG1
Cross-Reactivity:	Human

Target Details

Target:	BRD4
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Target Details

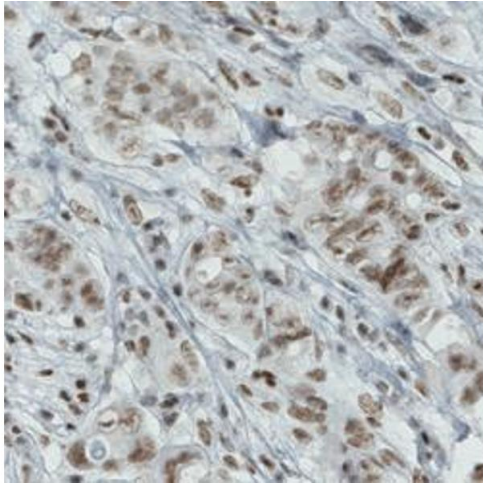
Alternative Name:	BRD4 (BRD4 Products)
Background:	Full Gene Name: bromodomain containing 4 Synonyms: CAP,HUNK1,HUNKI,MCAP
Gene ID:	23476
Pathways:	Chromatin Binding , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:200-1:500) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

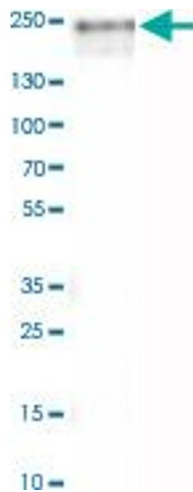
Handling

Format:	Liquid
Buffer:	In PBS, pH 7.2 (40 % glycerol, 0.02 % sodium azide).
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:	4 °C,-20 °C
Storage Comment:	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.



Immunohistochemistry

Image 1. Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human breast cancer with BRD4 monoclonal antibody, clone CL1115 shows moderate nuclear immunoreactivity in tumor cells.



Western Blotting

Image 2. Western Blot analysis of U-251 MG cell lysate with BRD4 monoclonal antibody, clone CL1115 .