

Recombinant Phospho-BRD2 (S37) Monoclonal Antibody

catalog number: **AN302085L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

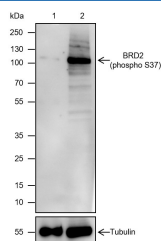
Reactivity	Human;
Immunogen	Recombinant human BRD2 (phospho S37) fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A809
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

WB	1:4000-1:20000
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Data



Western Blot with Phospho-BRD2 (S37) Monoclonal Antibody at dilution of 1:20000. Lane 1: HEK-293T, Lane 2: HEK-293T + Calyculin A (100 nM, 60 min)

Observed-MW:110 kDa

Calculated-MW:88 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Brd2 is a highly conserved member of the BET subfamily of bromodomain proteins that contain two tandem N-terminal bromodomains and a single C-terminal extra-terminal (ET) domain. In addition to its involvement in guiding the expression of cell cycle genes through its binding to multiple E2Fs, Brd2 has been shown to be associated with several regulators of transcription, including TFIID and Swi/Snf complexes. First identified as a nuclear serine/threonine kinase, Brd2, like other bromodomain proteins, is thought to function in mammalian development by regulating chromatin structure and transcription. Brd2 has been shown to bind to histone H4 via acetylated Lys 12, a substrate of several histone acetyltransferase transcriptional coactivators.

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