

Mouse Monoclonal Antibody to BRD2

Catalogue Number	sAP-1483
Target Molecule	Name: BRD2 Aliases: IPOB; IPO-B; MNSOD; MVCD6; Mn-SOD MW: 24.7kDa Entrez Gene ID: 6648
Description	This gene encodes a transcriptional regulator that belongs to the BET (bromodomains and extra terminal domain) family of proteins. This protein associates with transcription complexes and with acetylated chromatin during mitosis, and it selectively binds to the acetylated lysine-12 residue of histone H4 via its two bromodomains. The gene maps to the major histocompatibility complex (MHC) class II region on chromosome 6p21.3, but sequence comparison suggests that the protein is not involved in the immune response. This gene has been implicated in juvenile myoclonic epilepsy, a common form of epilepsy that becomes apparent in adolescence. Multiple alternatively spliced variants have been described for this gene.;
Immunogen	Purified recombinant fragment of human BRD2 (AA: 227-364) expressed in E. Coli.
Reactive Species	Human;
Clone	MM1H6B12;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM:
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Mol Biol Cell. 2013 Nov;24(22):3557-68. ; 2. J Biol Chem. 2010 Mar 5;285(10):7610-8.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**