

## Mouse Monoclonal Antibody to BRD2

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|--------------------------------|---|
| <b>Catalogue Number</b>        | sAP-1483  |
| <b>Target Molecule</b>         | <b>Name: BRD2</b><br><b>Aliases:</b> IPOB; IPO-B; MNSOD; MVCD6; Mn-SOD<br><b>MW: 24.7kDa</b><br><b>Entrez Gene ID: 6648</b>   |
| <b>Description</b>             | <p>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.;</p> |
| <b>Immunogen</b>               | Purified recombinant fragment of human BRD2 (AA: 227-364) expressed in E. Coli.   |
| <b>Reactive Species</b>        | Human;  |
| <b>Clone</b>                   | MM1H6B12;   |
| <b>Size and Concentration</b>  | 100µg/1mg/ml  |
| <b>Supplied as</b>             | Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide   |
| <b>Reconstitution/Storages</b> | Reconstituted with 100µl sterile DI H <sub>2</sub> O, at stored at 4°C or -20°C for short or long term storage  |
| <b>Applications</b>            | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: ; FCM:   |
| <b>Shipping</b>                | Regular FEDEX overnight shipment (ambient temperature)  |
| <b>Reference</b>               | 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 ender users! This product is sold for **Research Use Only**