

## Mouse Monoclonal Antibody to ID2

<b>Catalogue Number</b>	sAP-0947
<b>Target Molecule</b>	<b>Name: ID2</b> <b>Aliases:</b> GIG8; ID2A; ID2H; bHLHb26 <b>MW: 15kDa</b> <b>Entrez Gene ID: 3398</b>
<b>Description</b>	The protein encoded by this gene belongs to the inhibitor of DNA binding family, members of which are transcriptional regulators that contain a helix-loop-helix (HLH) domain but not a basic domain. Members of the inhibitor of DNA binding family inhibit the functions of basic helix-loop-helix transcription factors in a dominant-negative manner by suppressing their heterodimerization partners through the HLH domains. This protein may play a role in negatively regulating cell differentiation. A pseudogene of this gene is located on chromosome 3. ; ;
<b>Immunogen</b>	Purified recombinant fragment of human ID2 (AA: 1-134) expressed in E. Coli.
<b>Recombinant Species</b>	Human;
<b>Clone</b>	MM4E12G5;
<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: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1.J Neurosci Res. 2012 May;90(5):925-32. ; 2.Mol Cancer. 2010 Jun 17;9:151.

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**