

Mouse Monoclonal Antibody to ID2

Catalogue Number	sAP-0946
Target Molecule	Name: ID2 Aliases: GIG8; ID2A; ID2H; bHLHb26 MW: 15kDa Entrez Gene ID: 3398
Description	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. ; ;
Immunogen	Purified recombinant fragment of human ID2 (AA: 1-134) expressed in E. Coli.
Reactive Species	Human;
Clone	MM4E12G5;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, 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: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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**