

Product datasheet for **TA804983AM**

ID4 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI3H1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI3H1
Applications:	WB
Recommended Dilution:	WB 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ID4 (NP_001537) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	16.4 kDa
Gene Name:	inhibitor of DNA binding 4, HLH protein
Database Link:	NP_001537 Entrez Gene 15904 Mouse Entrez Gene 291023 Rat Entrez Gene 3400 Human P47928
Background:	This gene encodes a member of the inhibitor of DNA binding (ID) protein family. These proteins are basic helix-loop-helix transcription factors which can act as tumor suppressors but lack DNA binding activity. Consequently, the activity of the encoded protein depends on the protein binding partner. [provided by RefSeq, Dec 2011]
Synonyms:	bHLHb27; IDB4

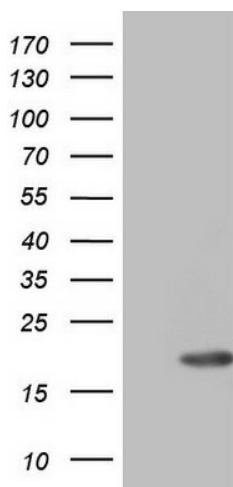


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Protein Families: ES Cell Differentiation/IPS, Transcription Factors

Protein Pathways: TGF-beta signaling pathway

Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ID4 (Cat# [RC204170], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ID4 (Cat# [TA804983]). Positive lysates [LY419876] (100ug) and [LC419876] (20ug) can be purchased separately from OriGene.