OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA500713AM

ID3 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI8B3]

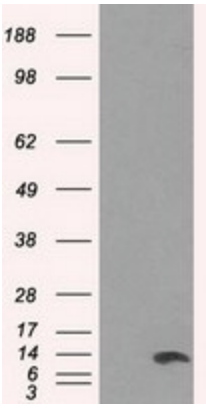
Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI8B3
Applications:	FC, IF, IHC, WB
Recommended Dilution:	WB 1:500, IHC 1:50, IF 1:100, FLOW 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ID3 (NP_002158) 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:	12.8 kDa
Gene Name:	inhibitor of DNA binding 3, HLH protein
Database Link:	NP_002158 Entrez Gene 3399 Human Q02535
Background:	Members of the ID family of helix-loop-helix (HLH) proteins lack a basic DNA-binding domain and inhibit transcription through formation of nonfunctional dimers that are incapable of binding to DNA. [supplied by OMIM]
Synonyms:	bHLHb25; HEIR-1
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

View online »

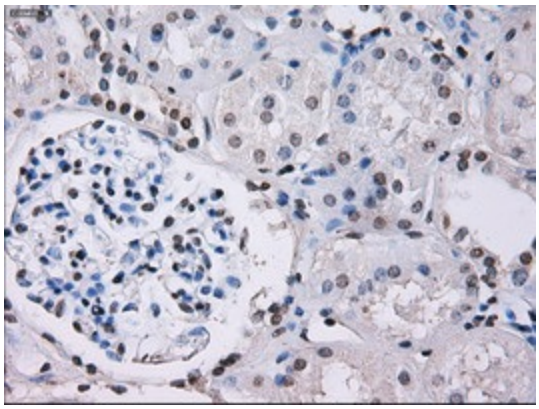
Protein Pathways: TGF-beta signaling pathway

Product images:

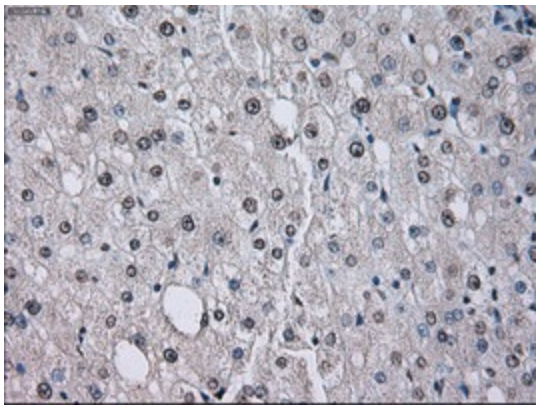


HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ID3 (Cat# [RC200583], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ID3(Cat# [TA500713]). Positive lysates [LY419492] (100ug) and [LC419492] (20ug) can be purchased separately from OriGene.

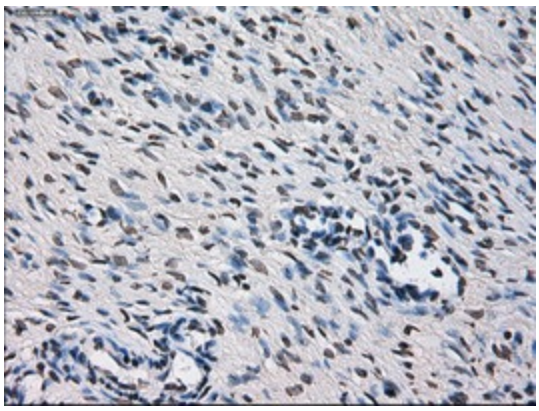
Immunohistochemical staining of paraffin-embedded Human colon tissue within the normal limits using anti-ID3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500713])



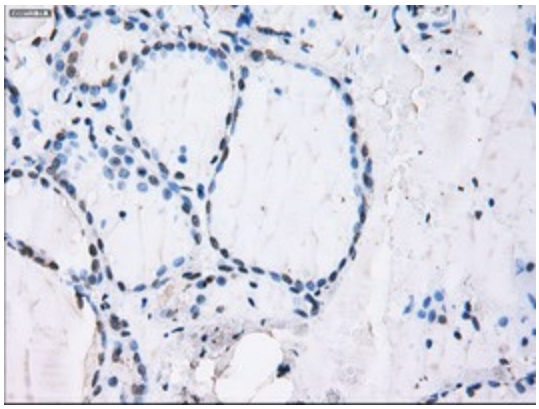
Immunohistochemical staining of paraffin-embedded Human Kidney tissue within the normal limits using anti-ID3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500713])



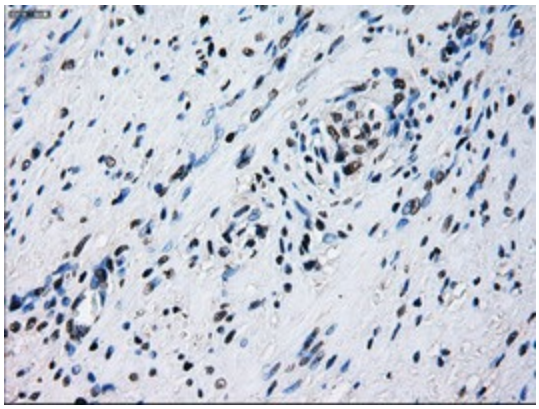
Immunohistochemical staining of paraffin-embedded Human liver tissue within the normal limits using anti-ID3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500713])



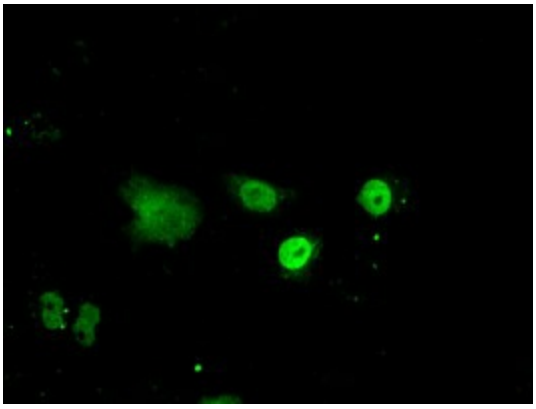
Immunohistochemical staining of paraffin-embedded Human Ovary tissue within the normal limits using anti-ID3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500713])



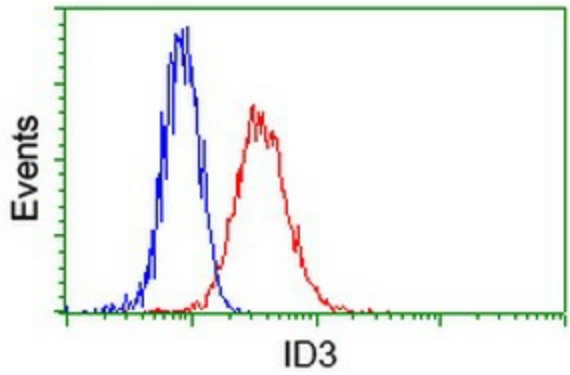
Immunohistochemical staining of paraffin-embedded Human thyroid tissue within the normal limits using anti-ID3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500713])



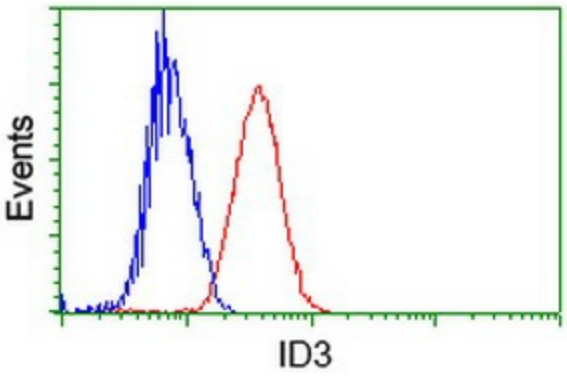
Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-ID3 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 100°C for 10min, [TA500713])



Anti-ID3 mouse monoclonal antibody ([TA500713]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ID3 ([RC200583]).



Flow cytometric Analysis of Hela cells, using anti-ID3 antibody ([TA500713]), (Red), compared to a nonspecific negative control antibody, (Blue).



Flow cytometric Analysis of Jurkat cells, using anti-ID3 antibody ([TA500713]), (Red), compared to a nonspecific negative control antibody, (Blue).