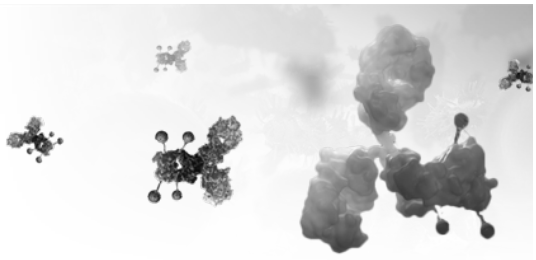

Anti-ID3 monoclonal antibody, clone 21E4 (DCABH-647)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to ID3
Antigen Description	ID (inhibitor of DNA binding) HLH proteins lack a basic DNA-binding domain but are able to form heterodimers with other HLH proteins, thereby inhibiting DNA binding. ID-3 inhibits the binding of E2A-containing protein complexes to muscle creatine kinase E-box enhancer. May inhibit other transcription factors.
Immunogen	Recombinant full length Human ID3 produced in HEK293T cells (NP_002158).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Dog
Clone	21E4
Purification	This antibody is purified from Mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, IHC-P, FC Recommended dilution WB: 1:1000; IHC-P: 1:50; FC: 1:100
Positive Control	HEK293T cell lysate transfected with pCMV6-ENTRY ID3 cDNA; Human liver tissue; HeLa and Jurkat cells.
Format	Liquid
Size	100 µl

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Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 1% BSA, 50% Glycerol
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	ID3 inhibitor of DNA binding 3, dominant negative helix-loop-helix protein [Homo sapiens]
Official Symbol	ID3
Synonyms	ID3; inhibitor of DNA binding 3, dominant negative helix-loop-helix protein; DNA-binding protein inhibitor ID-3; bHLHb25; HEIR 1; helix-loop-helix protein HEIR-1; ID-like protein inhibitor HLH 1R21; class B basic helix-loop-helix protein 25; HEIR-1;
Entrez Gene ID	3399
Protein Refseq	NP_002158
UniProt ID	Q02535
Chromosome Location	1p36.13-p36.12
Pathway	Adipogenesis, organism-specific biosystem; Id Signaling Pathway, organism-specific biosystem; TGF-beta signaling pathway, organism-specific biosystem; TGF-beta signaling pathway, conserved biosystem;
Function	protein domain specific binding; transcription corepressor activity; transcription factor binding;

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