



Anti-ODC1 monoclonal antibody, clone 2H7 (DCABH-916)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Ornithine Decarboxylase
Antigen Description	his gene encodes a member of the POU protein family characterized by the presence of a bipartite DNA binding domain, consisting of a POU-specific domain and a homeodomain, separated by a variable polylinker. The DNA binding domain may bind to DNA as monomers or as homo- and/or heterodimers, in a sequence-specific manner. The POU family members are transcriptional regulators, many of which are known to control cell type-specific differentiation pathways. This gene is a tumor suppressor involved in Wilms tumor (WT) predisposition. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
Immunogen	Recombinant full length Human Ornithine Decarboxylase produced in HEK293T cells (NP_002530).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human, Monkey
Clone	2H7
Purification	This antibody was purified from Mouse ascites fluid by affinity chromatography.
Conjugate	Unconjugated
Applications	WB, Flow Cyt, ICC/IF
Positive Control	HEK293T cell lysate transfected with pCMV6-ENTRY Ornithine Decarboxylase cDNA; HepG2, HeLa, HT29, A549, COS7, Jurkat, MDCK, PC12, and MCF7 cell extracts; COS7 cells

transiently transfected by pCMV6-ENTRY Ornithine Decarboxylase; HEK293T cells transfected

Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 48% PBS, 50% Glycerol, 1% BSA
Preservative	0.02% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

GENE INFORMATION

Gene Name	ODC1 ornithine decarboxylase 1 [Homo sapiens]
Official Symbol	ODC1
Synonyms	ODC1; ornithine decarboxylase 1; ornithine decarboxylase; ODC;
Entrez Gene ID	4953
Protein Refseq	NP_002530
UniProt ID	B4DXF8
Chromosome Location	2p25
Pathway	Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem;
Function	lyase activity; ornithine decarboxylase activity;