



Anti-SORD monoclonal antibody, clone 28F8 (DCABH-678)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Sorbitol Dehydrogenase
Antigen Description	Converts sorbitol to fructose. Part of the polyol pathway that plays an important role in sperm physiology. May play a role in the sperm motility by providing an energetic source for sperm.
Immunogen	Recombinant full length Human Sorbitol Dehydrogenase produced in HEK293T cells (NP_003095).
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	28F8
Purification	This antibody is purified from Mouse ascites fluids by affinity chromatography.
Conjugate	Unconjugated
Applications	Flow Cyt, ICC/IF
Positive Control	HEK2934T and COS7 cells transiently transfected by pCMV6-ENTRY Sorbitol Dehydrogenase; HeLa, Jurkat and HepG2 cells.
Format	Liquid
Size	100 µl
Buffer	pH: 7.30; Preservative: 0.02% Sodium azide; Constituents: 50% Glycerol, 48% PBS, 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	SORD sorbitol dehydrogenase [Homo sapiens]
Official Symbol	SORD
Synonyms	SORD; sorbitol dehydrogenase; L-iditol 2-dehydrogenase; SORD1;
Entrez Gene ID	6652
Protein Refseq	NP_003095
UniProt ID	Q00796
Chromosome Location	15q15-q21.1
Pathway	Fructose and mannose metabolism, organism-specific biosystem; Fructose and mannose metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; sorbitol degradation I, organism-specific biosystem;
Function	L-iditol 2-dehydrogenase activity; L-iditol 2-dehydrogenase activity; NAD binding; metal ion binding; oxidoreductase activity; sugar binding; zinc ion binding; zinc ion binding;