



Anti-MCL1 monoclonal antibody, clone 3F22 (DCABH-425)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to MCL1
Antigen Description	Involved in the regulation of apoptosis versus cell survival, and in the maintenance of viability but not of proliferation. Mediates its effects by interactions with a number of other regulators of apoptosis. Isoform 1 inhibits apoptosis. Isoform 2 promotes apoptosis.
Immunogen	Recombinant full length Human MCL1 produced in HEK293T cells (NP_068779)
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	Human
Clone	3F22
Purification	Purified from mouse ascites fluids by affinity chromatography
Conjugate	Unconjugated
Applications	WB, IHC-P, Flow Cyt, ICC/IF
Positive Control	WB: Transfected HEK293T cell lysate IHC-P: Breast tissue (normal and adenocarcinoma), colon tissue (normal and adenocarcinoma), kidney tissue, lung tissue, adenocarcinoma of ovary tissue, pancreas tissue (normal and carcinoma), bladder tissue, prostate ti
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	MCL1 myeloid cell leukemia sequence 1 (BCL2-related) [Homo sapiens]
Official Symbol	MCL1
Synonyms	MCL1; myeloid cell leukemia sequence 1 (BCL2-related); induced myeloid leukemia cell differentiation protein Mcl-1; BCL2L3; Mcl 1; bcl-2-like protein 3; myeloid cell leukemia ES; bcl-2-related protein EAT/mcl1; TM; EAT; MCL1L; MCL1S; Mcl-1; MCL1-ES; bcl2-
Entrez Gene ID	4170
Protein Refseq	NP_001184249
UniProt ID	A0A087WT64
Chromosome Location	1q21
Pathway	Apoptosis, organism-specific biosystem; Direct p53 effectors, organism-specific biosystem; E2F transcription factor network, organism-specific biosystem; HIF-1-alpha transcription factor network, organism-specific biosystem; IL-7 Signaling Pathway, organism-specific biosystem; IL6-mediated signaling events, organism-specific biosystem;
Function	BH3 domain binding; protein binding; protein channel activity; protein heterodimerization activity;