DFF45 (Cleaved-Thr225) mouse mAb

Catalog No	BYmab-00039
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	DFFA DFF1 DFF45 H13
Protein Name	DFF45 (Cleaved-Thr225)
Immunogen	Synthesized peptide derived from human DFF45 (Cleaved-Thr225)
Specificity	This antibody detects endogenous levels of Human DFF45 (Cleaved-Thr225, protein was cleaved amino acid sequence between 224-225)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	DNA fragmentation factor subunit alpha (DNA fragmentation factor 45 kDa subunit;DFF-45;Inhibitor of CAD;ICAD)
Observed Band	12 36kD
Cell Pathway	Cytoplasm.
Tissue Specificity	
Function	DNA catabolic process, endonucleolytic, DNA metabolic process, DNA catabolic process, DNA fragmentation involved in apoptosis, apoptosis, induction of apoptosis, cell structure disassembly during apoptosis, nucleus organization,intracellular signaling cascade, cell death, macromolecule catabolic process, regulation of cell death, positive regulation of cell death, programmed cell death, induction of programmed cell death, death, cellular component disassembly,apoptotic nuclear changes, regulation of apoptosis, positive regulation of apoptosis, negative regulation of apoptosis,regulation of programmed cell death, positive regulation of programmed cell death, negative regulation of programmed cell death, cellular macromolecule catabolic process, negative regulation of cell death,

Background	function:Inhibitor of the caspase-activated DNase (DFF40).,PTM:Caspase-3 cleaves DFF45 at 2 sites to generate an active factor.,PTM:Phosphorylated upon DNA damage, probably by ATM or ATR.,similarity:Contains 1 CIDE-N domain.,subunit:Heterodimer of DFFA and DFFB.,
matters needing attention	Avoid repeated freezing and thawing!
Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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