Cleaved-Caspase-6 p11 (A194) Monoclonal Antibody

Catalog No	YP-mAb-00029
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	CASP6 MCH2
Protein Name	CleavedCaspase6p11
Immunogen	Synthesized peptide derived from Cleaved-Caspase-6 p11 (A194) . at AA range: 150-230
Specificity	Cleaved-Caspase-6 p11 (A194) Monoclonal Antibody detects endogenous levels of Cleaved-Caspase-6 p11
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 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	caspase 6, apoptosis-related cysteine peptidase
Observed Band	33kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Lung,Lymphocyte,T-cell,
Function	catalytic activity:Strict requirement for Asp at position P1 and has a preferred cleavage sequence of Val-Glu-His-Asp-|-.,enzyme regulation:Activation is suppressed by phosphorylation at Ser-257.,function:Involved in the activation cascade of caspases responsible for apoptosis execution. Cleaves poly(ADP-ribose) polymerase in vitro, as well as lamins. Overexpression promotes programmed cell death.,PTM:Cleavages by caspase-3, caspase-8 or -10 generate the two active subunits.,similarity:Belongs to the peptidase C14A family.,subunit:Heterotetramer that consists of two anti-parallel arranged heterodimers, each one formed by a 18 kDa (p18) and a 11 kDa (p11) subunit.,
Background	This gene encodes a member of the cysteine-aspartic acid protease (caspase) family of enzymes. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic acid residues to produce two subunits, large and small, that dimerize to form the active enzyme. This

	protein is processed by caspases 7, 8 and 10, and is thought to function as a downstream enzyme in the caspase activation cascade. Alternative splicing of this gene results in multiple transcript variants that encode different isoforms. [provided by RefSeq, Oct 2015],
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.

Products Images