Recombinant DGRmAb®

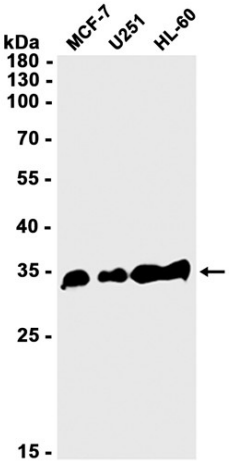
Caspase-6 (DGR31938) Rabbit mAb (PBS Only)

db12533-PBS **Package : 10μg 100μg**

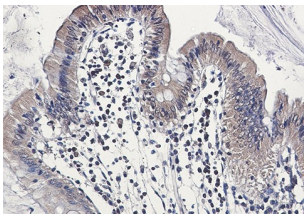
Product Name : Caspase-6 (DGR31938) Rabbit mAb (PBS Only)
Cat.No.: db12533-PBS
Synonyms : MCH2
Application : WB, IHC, ICC/IF, FC
Reactivity : Human, Mouse
Host species : Rabbit

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]
Immunogen	A synthetic peptide of human Caspase-6
Gene ID	839
Swiss Prot	P55212
Synonyms	MCH2
Reactivity	Human, Mouse
Application	WB, IHC, ICC/IF, FC
Calculated MW	33 kDa
Observed MW	11kDa(cleavage),33 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR31938
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

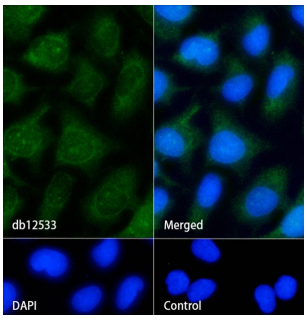
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot analysis of extracts from MCF-7, U251, HL-60 cells using db12533 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human colon cancer using db12533 antibody.



Immunofluorescence analysis of HeLa cells labelling Caspase-6 with db12533.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db12533 (1:20) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.