

**Recombinant****DGRmAb®****Caspase-6 (DGR31819) Rabbit mAb (PBS Only)****db13640-PBS****Package : 100µg****Product Name :** Caspase-6 (DGR31819) Rabbit mAb (PBS Only)**Cat.No.:** db13640-PBS**Synonyms :** MCH2**Application :** WB, IHC-P, ICC/IF, FC**Reactivity :** Human,Mouse,Rat**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,Rat

**Application**

WB, IHC-P, ICC/IF, FC

**Calculated MW**

33 kDa

**Observed MW**

11kDa(cleavage),33 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR31819

**Isotype**

IgG

**Purity**

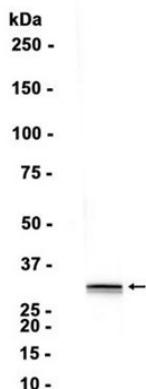
Affinity Purification

**Conjugation**

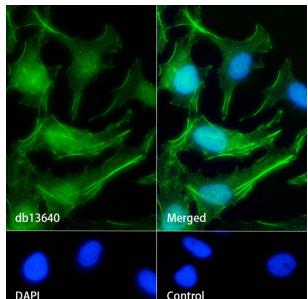
Un-conjugated

<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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.

### Jurkat Western blot analysis of extracts from Jurkat cells using db13640 at 1:1000.



## Immunofluorescence analysis of HeLa cells labelling Caspase-6 with db13640.



The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), 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 db13640 (1:200) 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.