

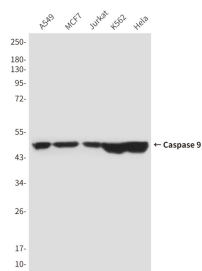
**Caspase-9 (1D1) Mouse mAb**

db6217

Package : 50µL 100µL

**Product Name** : Caspase-9 (1D1) Mouse mAb**Cat.No.:** db6217**Synonyms** : CASP9; MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6**Application** : WB**Reactivity** : Human**Host species** : Mouse

|                             |                                                                                                                                                                                                                                                                                                                                        |
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| <b>Background</b>           | Involved in the activation cascade of caspases responsible for apoptosis execution. Binding of caspase-9 to Apaf-1 leads to activation of the protease which then cleaves and activates caspase-3. Promotes DNA damage-induced apoptosis in a ABL1/c-Abl-dependent manner. Proteolytically cleaves poly(ADP-ribose) polymerase (PARP). |
| <b>Immunogen</b>            | Purified recombinant human Caspase-9 protein fragments expressed in E.coli                                                                                                                                                                                                                                                             |
| <b>Gene ID</b>              | 842                                                                                                                                                                                                                                                                                                                                    |
| <b>Swiss Prot</b>           | P55211                                                                                                                                                                                                                                                                                                                                 |
| <b>Synonyms</b>             | CASP9; MCH6; APAF3; APAF-3; PPP1R56; ICE-LAP6                                                                                                                                                                                                                                                                                          |
| <b>Reactivity</b>           | Human                                                                                                                                                                                                                                                                                                                                  |
| <b>Application</b>          | WB                                                                                                                                                                                                                                                                                                                                     |
| <b>Recommended dilution</b> | WB: 1:500-1:1000                                                                                                                                                                                                                                                                                                                       |
| <b>Calculated MW</b>        | 46 kDa                                                                                                                                                                                                                                                                                                                                 |
| <b>Observed MW</b>          | 49,37 kDa                                                                                                                                                                                                                                                                                                                              |
| <b>Host species</b>         | Mouse                                                                                                                                                                                                                                                                                                                                  |
| <b>Clonality</b>            | Monoclonal                                                                                                                                                                                                                                                                                                                             |
| <b>Clonality No.</b>        | 1D1-F2-E9                                                                                                                                                                                                                                                                                                                              |
| <b>Isotype</b>              | IgG1                                                                                                                                                                                                                                                                                                                                   |
| <b>Purity</b>               | Affinity Purification                                                                                                                                                                                                                                                                                                                  |
| <b>Conjugation</b>          | Un-conjugated                                                                                                                                                                                                                                                                                                                          |
| <b>Storage Stability</b>    | Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .<br>Stable for 12 months from date of receipt.                                                                                                                                                                                                 |



Western blot analysis of Caspase9 in A549, MCF-7, Jurkat, K562 and Hela lysates using Caspase9 antibody.