ANGIO-PROTEOMIE
HIGH QUALITY REAGENTS FOR LIFE SCIENCES

DATA SHEET

# Mouse Monoclonal Antibody to CASP8

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| **Cataloge Number** | sAP-0629 |
| **Target Molecule** | **Name: CASP8**<br>**Aliases:** CAP4; MACH; MCH5; FLICE; ALPS2B; Casp-8; FLJ17672; MGC78473<br>**MW: 26kDa**<br>**Entrez Gene ID: 841** |
| **Descrption** | This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes composed of a prodomain, a large protease subunit, and a small protease subunit. Activation of caspases requires proteolytic processing at conserved internal aspartic residues to generate a heterodimeric enzyme consisting of the large and small subunits. This protein is involved in the programmed cell death induced by Fas and various apoptotic stimuli. The N-terminal FADD-like death effector domain of this protein suggests that it may interact with Fas-interacting protein FADD. This protein was detected in the insoluble fraction of the affected brain region from Huntington disease patients but not in those from normal |
| **Immunogen** | Purified recombinant fragment of human CASP8 expressed in E. Coli. ; |
| **Recitative Species** | Human; Mouse; Monkey; Rat |
| **Clone** | MM1H11; |
| **Size and Concentration** | 100µg/1mg/ml |
| **Supplied as** | Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. |
| **Reconstitution/Storages** | Reconstitued with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage |
| **Applications** | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400 |
| **Shipping** | Regular FEDEX overnight shipment (ambient temperature) |
| **Reference** | 1. Cancer Lett. 2009 Aug 28;281(2):128-33. ; 2. Cell Res. 2009 Mar;19(3):358-69. ; |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only

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