

**MOUSE ANTI-CASPASE-8 [FLICE]  
MONOCLONAL ANTIBODY**

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| <b>CATALOG NUMBER:</b>       | MAB4708                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>LOT NUMBER:</b>           | 21042358                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>QUANTITY:</b>             | 100 µg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>CONCENTRATION:</b>        | 1.08 mg/ml                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>SPECIFICITY:</b>          | Highly specific to caspase-8 and shows no cross-reaction with other caspase family members. Caspase-8 is a 55 kDa protein that binds to the death effector domain (DED) of FADD through an analogous DED domain present in the proform of caspase-8. Recruitment of caspase-8 to the Fas receptor results in oligomerization of the caspase-8 protein, which drives its auto-activation through self-cleavage. Active caspase-8 then proteolytically activates other downstream caspases including caspase-9, which lead to cell death. |
| <b>IMMUNOGEN:</b>            | Recombinant full-length human caspase-8 protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>ISOTYPE:</b>              | Ig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>CLONE NAME:</b>           | 1-1-37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>APPLICATIONS:</b>         | Western blot: 1:100 – 1:1000<br><br>Optimal working dilutions must be determined by end user.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>SPECIES REACTIVITIES:</b> | Human (others not tested)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>FORMAT:</b>               | Purified immunoglobulin by protein A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>PRESENTATION:</b>         | Liquid in PBS, pH 7.6, with 0.1% sodium azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>STORAGE/HANDLING:</b>     | Maintain refrigerated at 2-8°C in undiluted aliquots for up to 12 months.                                                                                                                                                                                                                                                                                                                                                                                                                                                               |

**Important Note:** *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*