

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## AIF (8H1) MOUSE MAB

Cat.#: N261456

**Product Name:** Anti-AIF (8H1) Mouse Monoclonal Antibody **Synonyms:** AIFM1; AIF; PDCD8; Apoptosis-inducing factor 1; mitochondrial; Programmed cell death protein 8

**UNIPROT ID:** 095831

**Background:** This gene encodes a flavoprotein essential for nuclear disassembly in apoptotic cells, and it is found in the mitochondrial intermembrane space in healthy cells. Induction of apoptosis results in the translocation of this protein to the nucleus where it affects chromosome condensation and fragmentation.

**Immunogen:** Purified recombinant human AIF protein fragments expressed in E.coli.

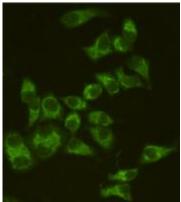
Applications: WB,ICC/IF Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200 Host Species: Mouse Clonality: Mouse Monoclonal Clone ID: 8H1-B10-A12 MW: Calculated MW: 67 kDa; Observed MW: 67 kDa Isotype: IgG2a Purification: Affinity Purified Species Reactivity: Human Conjugation: Unconjugated Modification: Unmodified Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide Research Areas: apoptosis - Caspase family

**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing

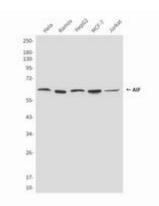


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AIF (8H1) in HeLa using AIF antibody.



Immunocytochemistry analysis of Western blot analysis of AIF (8H1) in Hela, Ramos, HepG2, MCF-7 and Jurkat lysates using AIF antibody.