

## 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:** O95831

**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

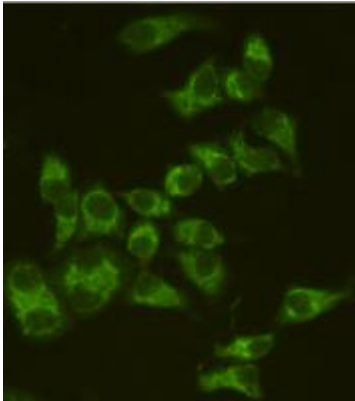
**Conjugation:** Unconjugated

**Modification:** Unmodified

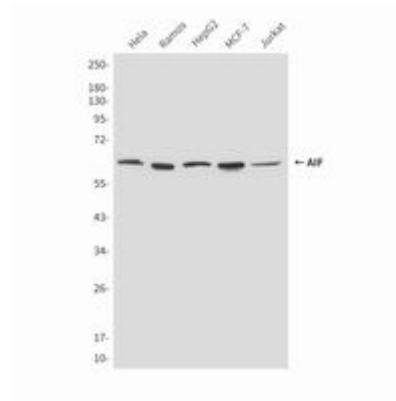
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** apoptosis - Caspase family

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



Immunocytochemistry analysis of AIF (8H1) in HeLa using AIF antibody.



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