

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

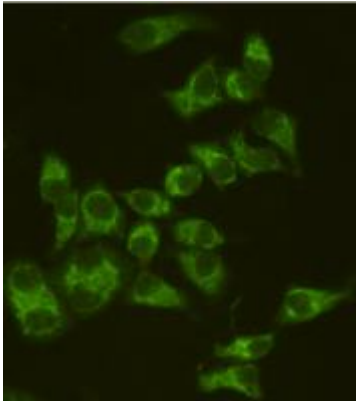
Conjugation: Unconjugated

Modification: Unmodified

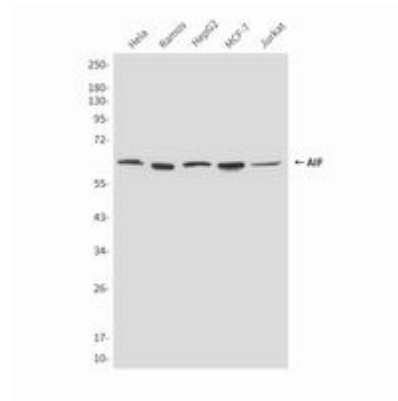
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: apoptosis - Caspase family

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



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.