

AIF (8H1) Mouse mAb (PBS Only)

db6267-PBS

Package : 可询价

Product Name : AIF (8H1) Mouse mAb (PBS Only)**Cat.No.:** db6267-PBS**Synonyms** : AIFM1; AIF; CMT2D; CMTX4; COWCK; NADMR; NAMSD; PDCD8; COXPD6**Application** : WB, ICC/IF**Reactivity** : Human**Host species** : Mouse**Background**

Functions both as NADH oxidoreductase and as regulator of apoptosis. In response to apoptotic stimuli, it is released from the mitochondrion intermembrane space into the cytosol and to the nucleus, where it functions as a proapoptotic factor in a caspase-independent pathway. In contrast, functions as an antiapoptotic factor in normal mitochondria via its NADH oxidoreductase activity. The soluble form (AIFsol) found in the nucleus induces 'parthanatos' i.e. caspase-independent fragmentation of chromosomal DNA. Interacts with EIF3G, and thereby inhibits the EIF3 machinery and protein synthesis, and activates caspase-7 to amplify apoptosis. Plays a critical role in caspase-independent, pyknotic cell death in hydrogen peroxide-exposed cells. Binds to DNA in a sequence-independent manner.

Immunogen

Purified recombinant human AIF protein fragments expressed in E.coli

Gene ID

9131

Swiss Prot

O95831

Synonyms

AIFM1; AIF; CMT2D; CMTX4; COWCK; NADMR; NAMSD; PDCD8; COXPD6

Reactivity

Human

Application

WB, ICC/IF

Calculated MW

67 kDa

Observed MW

67 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

8H1-B10-A12

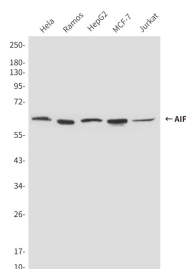
Isotype

IgG2a

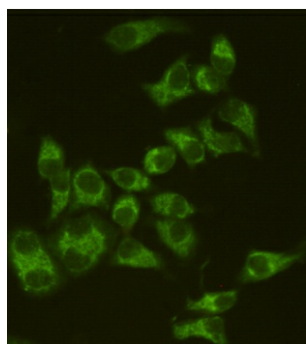
Purity

Affinity Purification

Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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



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