

KB543

For research use only

Anti Human PDCD8 Polyclonal Antibody

Code No. KB543
Target PDCD8
Category Enzyme
Gene ID 9131
Primary Source HGNC:8768
Synonyms AIF; PDCD8; MGC111425; AIFM1

Type Polyclonal Antibody
Immunogen Recombinant protein of full length Human PDCD8

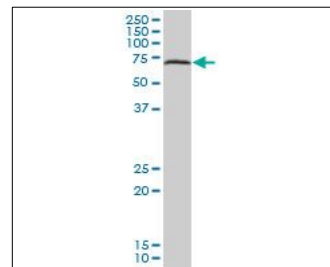
Raised in Mouse
Myeloma -
Clone number -
Purification Protein A purified
Source Mouse Serum
Isotype -
Cross Reactivity -
Label Unlabeled
Concentration 1 mg/mL
Contents (Volume) 50 µg
Buffer PBS, pH 7.2

Storage Store at - 20 °C long term, store at 4 °C short term. Avoid repeated freeze-thaw cycles.

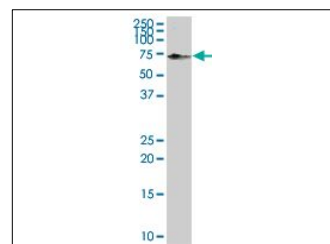
Application WB,IF

ELISA	WB	IHC	ICC
-	1.0	-	-
IP	FCM	IF	Neutralization
-	-	10	-

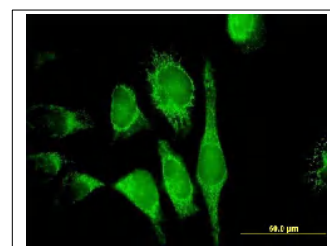
(µg/mL)



[WB] human liver tissue lysate



[WB] PDCD8 transfected 293T cell lysate



[IF] HeLa cell

Reference

1. Susin S.A., et al. "Molecular characterization of mitochondrial apoptosis-inducing factor." *Nature* 397:441-446(1999)
2. Ota T., et al. "Complete sequencing and characterization of 21,243 full-length human cDNAs." *Nat. Genet.* 36:40-45(2004)
3. Ross M.T., et al. "The DNA sequence of the human X chromosome." *Nature* 434:325-337(2005)

UniProt Summary

//Function: Probable oxidoreductase that acts as a caspase-independent mitochondrial effector of apoptotic cell death. Extramitochondrial AIF induces nuclear chromatin condensation and large scale DNA fragmentation (in vitro). Binds to DNA in a sequence-independent manner.

//Subcellular location: Mitochondrion intermembrane space. Nucleus. Note: Translocated to the nucleus upon induction of apoptosis.

//Sequence similarities: Belongs to the FAD-dependent oxidoreductase family.