

32-5940: Mouse Anti Human Acireductone Dioxygenase 1(Clone:PAT27E8Ae)

Clonality :	Monoclonal
Clone Name :	PAT27E8Ae
Application :	ELISA,WB
Gene :	ADI1
Gene ID :	55256
Uniprot ID :	Q9BV57
Format :	Purified
Alternative Name :	APL1,ARD,FLJ10913,HMFT1638,MTCBP-1,SIP1,1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase,Acireductone dioxygenase,Fe-ARD,Membrane-type 1 matrix metalloproteinase cytoplasmic tail-binding protein 1,Submergence-induced protein-like factor
Isotype :	Mouse IgG1 heavy chain and Kappa light chain.
Immunogen Information :	Anti-human ADI1 mAb, clone PAT27E8A, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human ADI1 protein 1-179 amino acids purified from E. coli.

Description

Acireductone dioxygenase 1 (ADI1) is a part of the acireductone dioxygenase family of metal-binding enzymes, which are involved in methionine salvage. ADI1 regulates mRNA processing in the nucleus, and carries out different functions depending on its localization. Related pseudogenes have been defined on chromosomes 8 and 20. ADI1 down-regulates cell migration arbitrated by MMP14.

Product Info

Amount :	20 µg
Content :	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1:5000. Recommended starting dilution is 1:1000.