

Mouse Monoclonal Antibody to CIDEA

Catalogue Number	sAP-1156
Target Molecule	<p>Name: CIDEA</p> <p>Aliases: CIDE3; FPLD5; FSP27; CIDE-3</p> <p>MW: 26.8kDa</p> <p>Entrez Gene ID: 63924</p>
Description	<p>This gene encodes a member of the cell death-inducing DNA fragmentation factor-like effector family. Members of this family play important roles in apoptosis. The encoded protein promotes lipid droplet formation in adipocytes and may mediate adipocyte apoptosis. This gene is regulated by insulin and its expression is positively correlated with insulin sensitivity. Mutations in this gene may contribute to insulin resistant diabetes. A pseudogene of this gene is located on the short arm of chromosome 3. Alternatively spliced transcript variants that encode different isoforms have been observed for this gene. ;</p>
Immunogen	Purified recombinant fragment of human CIDEA (AA: 53-141) expressed in E. Coli.
Reactive Species	Human;
Clone	MM7C12F11;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: ; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Obesity (Silver Spring). 2010 Feb;18(2):417-9. ; 2.EMBO Mol Med. 2009 Aug;1(5):280-7.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**