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Inspiration for Life Science

For research use only

KAL-KO616 Anti mouse AIM Monoclonal Antibody

Clone No. 20C1

Target mouse AIM
Category immunology
Gene ID 11801
Primary Source MGI:1334419
Synonyms CD5L, AAC-11, AIM/Spalpha, Api6, Pdp 1/6, Sp-alpha

Type Monoclonal Antibody
Immunogen recombinant mouse AIM
Raised in Wistar Rat
Myeloma P3U1
Clone number 20C1 (#29)
Purification ProteinG
Source Serum-free medium
Isotype IgG1 κ
Cross Reactivity Not tested
Label Unlabeled
Concentration -
Contents (Volume) -
Buffer PBS

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

Application ELISA, WB, ICC, IP

ELISA	WB	IHC	ICC
1.0	1.0	Not tested	1.0
IP	FCM	IF	Neutralization
5.0	Not tested	Not tested	-

It is suitable for detecting the AIM under the non-reducing condition. ($\mu\text{g/mL}$)

Reference

Miyazaki T et al. AIMing at Metabolic Syndrome– Towards the Development of Novel Therapies for Metabolic Diseases via Apoptosis Inhibitor of Macrophage (AIM) –Circ. J., 2011, 75, 2522-2531
Kurokawa et al. Apoptosis inhibitor of macrophage (AIM) is required for obesity-associated recruitment of inflammatory macrophages into adipose tissue. Proc Natl Acad Sci USA 2011, 108, 12072-12077
Kurokawa et al. Macrophage-derived AIM is endocytosed into adipocytes and decreases lipid droplets via inhibition of fatty acid synthase activity. Cell Metab. 2010, 11, 479-492

UniProt Summary

//Function: May play a role in the regulation of the immune system. Seems to play a role as an inhibitor of apoptosis.
//Subcellular location:Secreted.
//Tissue specificity: Expressed in thymus, liver, spleen and lymph nodes.
//Post-translational modification: Glycosylated.
//Sequence similarities: Contains 3 SRCR domains.



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TOYO EKIMAE BLDG. 2-20, TOYO 2-CHOME, KOTO-KU, TOKYO 135-0016 JAPAN

URL: <http://www.cosmobio.com>

e-mail: export@cosmobio.co.jp

[International/Outside Japan] Phone: +81-3-5632-9617 [国内連絡先] Phone: 03-5632-9610

FAX: +81-3-5632-9618

FAX: 03-5632-9619