



KAL-KO617

# Anti mouse AIM Monoclonal Antibody

Clone No. 23B12

**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** 23B12 (#36)  
**Purification** ProteinG  
**Source** Serum-free medium  
**Isotype** IgG2a  
**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, IHC, ICC, IP

ELISA	WB	IHC	ICC
1.0	1.0	10.0	10.0
IP	FCM	IF	Neutralization
5.0	Not tested	Not tested	-

It is suitable for detecting the AIM under the non-reducing condition. (µg/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.



COSMO BIO CO., LTD.  
Inspiration for Life Science

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](mailto: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