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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	0.25mg/ml
Contents（Volume）	50μg (200μL/vial)
Buffer	PBS
Storage	Store at - 20℃ long term, store at 4℃ short term. Avoid repeated freeze-thaw cycles.
Application	ELISA, WB※, ICC, IP

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

(μg/mL)

※It is suitable for detecting the AIM under the non-reducing condition.

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.