

For research use only

KO615 Anti mouse AIM Monoclonal Antibody

Clone No. 11G3

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 11G3 (#12)
Purification ProteinG
Source Serum-free medium
Isotype IgG1 κ
Cross Reactivity Not tested
Label Unlabeled
Concentration 0.25mg/ml
Contents (Volume) 50 μ g (200 μ L/vial)
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	-

(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.