

For research use only

# 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 $\kappa$   
**Cross Reactivity** Not tested  
**Label** Unlabeled  
**Concentration** 0.25mg/ml  
**Contents (Volume)** 50 $\mu$ g (200 $\mu$ 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<sup>※</sup>, 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.