

AIM2 Antibody PE Conjugated

Catalog No: #C06141P

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Description

Product Name	AIM2 Antibody PE Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	Flow-Cyt IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide aa 250-300 354 derived from mouse AIM2
Conjugates	PE
Target Name	AIM2
Other Names	Gm1313; Ifi210; Interferon-inducible protein AIM2; Interferon-inducible protein 210; Ifi-210; Interferon-inducible protein p210; Aim2
Accession No.	Swiss-Prot#Q91VJ1NCBI Gene ID383619
Uniprot	Q91VJ1
GeneID	383619;
Excitation Emission	480,565nm 578nm
Cell Localization	Cytoplasm, Nucleus
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt=1:50-200 IF=1:50-200

Background

Involved in innate immune response by recognizing cytosolic double-stranded DNA and inducing caspase-1-activating inflammasome formation in macrophages. Upon binding to DNA is thought to undergo oligomerization and to associate with PYCARD initiating the recruitment of caspase-1 precursor and processing of interleukin-1 beta and interleukin-18. Detects cytosolic dsDNA of viral and bacterial origin in a non-sequence-specific manner. Can also trigger PYCARD-dependent, caspase-1-independent cell death that involves caspase-8.

Note: This product is for in vitro research use only