



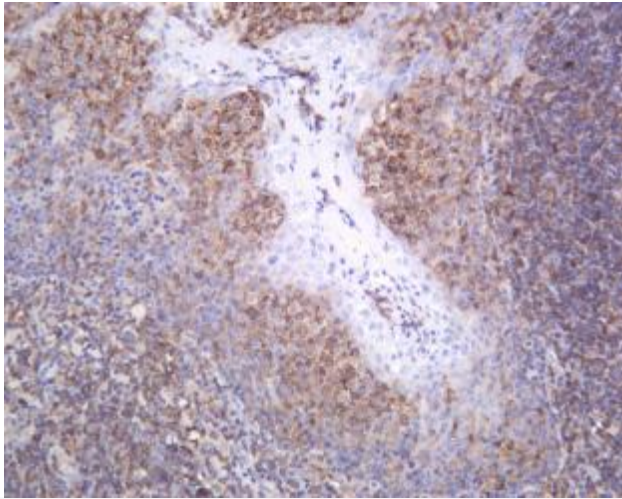
AIM2 Rabbit mAb

Catalog No	YP-rAb-17279
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IF,ELISA
Gene Name	AIM2
Protein Name	Interferon-inducible protein AIM2
Purification Process	Protein A
Specificity	Endogenous
Formulation	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Source	Monoclonal, Rabbit,IgG
Dilution	IHC 1:200-1:1000; WB 1:2000-1:10000; IF 1:200-1:1000; ELISA 1:5000-1:20000; Note: For IHC, we suggest antigen retrieval with TE buffer pH 9.0
Concentration	0.5 mg/ml
Purity	≥90%
Storage Stability	-15 ° C to -25 ° C/1 year(Do not lower than -25 ° C)
Synonyms	AIM2;Interferon-inducible protein AIM2;AIM2 ; Interferon-inducible protein AIM2 ; Absent in melanoma 2
Observed Band	43kD
Calculated Molecular Weight	39kD
Cell Pathway	Nucleus. Cytoplasm. Activated inflammasomes can aggregate in the cytosol as speck-like particles.
Tissue Specificity	Expressed in spleen, small intestine, peripheral blood leukocytes, and testis.
Function	Disease:Defects in AIM2 may be a cause of microsatellite unstable colon cancers.,Function:Tumor suppressor which may act by repressing NF-kappa-B transcriptional activity.,induction:By interferon gamma.,similarity:Belongs to the HIN-200 family.,similarity:Contains 1 DAPIN domain.,similarity:Contains 1 HIN-200 domain.,subunit:Homodimer.,tissue specificity:Expressed in spleen, small intestine, peripheral blood leukocytes, and testis.,
Background	AIM2 is a member of the IFI20X /IFI16 family. It plays a putative role in tumorigenic reversion and may control cell proliferation. Interferon-gamma induces expression of AIM2. [provided by RefSeq, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!

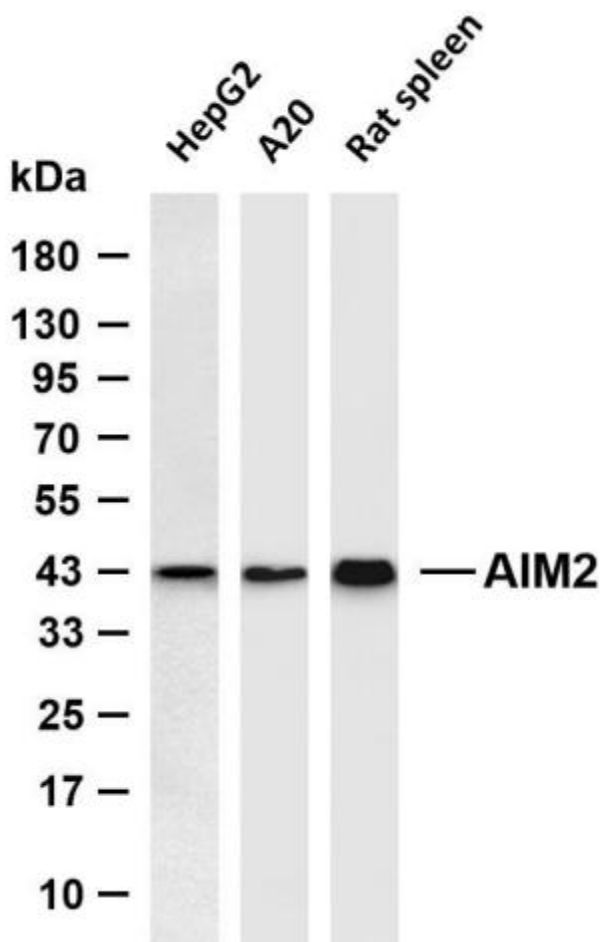


Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

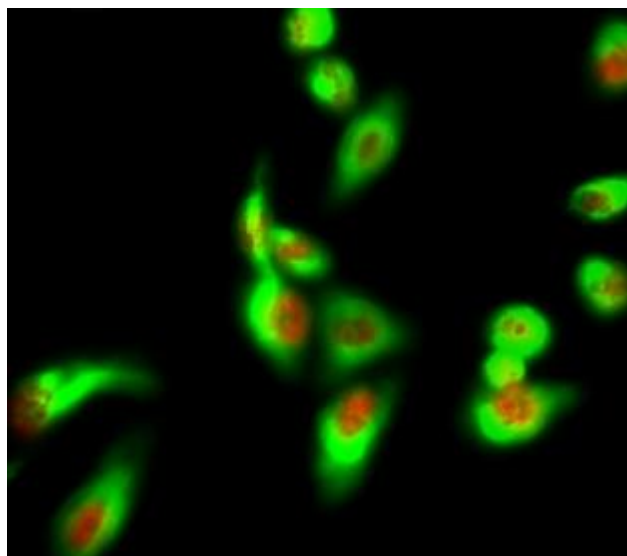


Human tonsil was stained with anti-AIM2 Rabbit antibody



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-AIM2 antibody. The HRP-conjugated Goat anti-Rabbit IgG (H + L) antibody was used to detect the antibody. Lane 1: HepG2 Lane 2: A20 Lane 3: Rat spleen Predicted band size: 39kDa Observed band size: 43kDa





Immunofluorescence analysis of Hela cell. 1, AIM2 Antibody (red) was diluted at 1:200 (4 ° overnight). HSP70 Monoclonal Antibody (3G10) (green) was diluted at 1:200 (4 ° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog:

