

anti- AIM2 antibody

Product Information

Catalog No.:	FNab00238
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

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 (By similarity). Tumor suppressor which may act by repressing NF-kappa-B transcriptional activity.

Immunogen information

Immunogen:	absent in melanoma 2
Synonyms:	Absent in melanoma 2, AIM2, PYHIN4
Observed MW:	38-45 kDa
Uniprot ID :	O14862

Application

Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC

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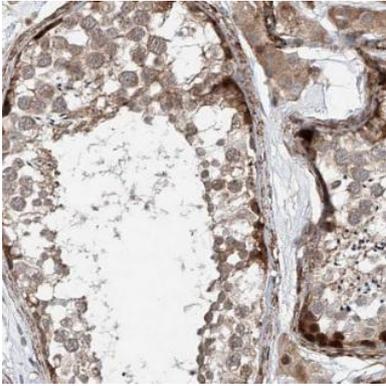
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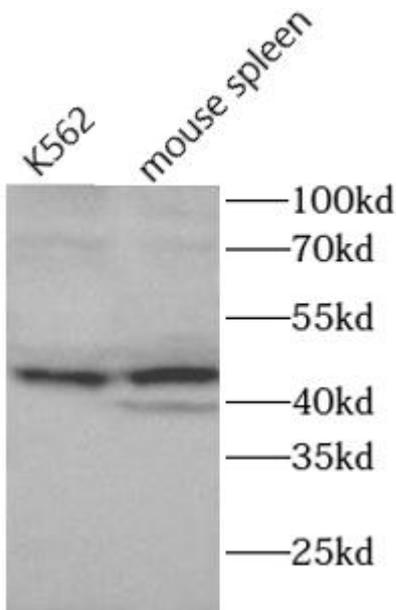
www.fn-test.com

Recommended dilution: WB: 1:500-1:5000; IHC: 1:20-200

Image:



Immunohistochemistry of paraffin-embedded human testis using FNab00238(AIM2 antibody) at dilution of 1:100



K-562 cells were subjected to SDS PAGE followed by western blot with FNab00238(AIM2 antibody) at dilution of 1:1000