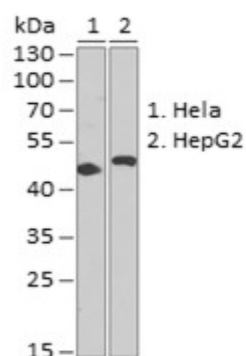


Product Name:	AIM2 Rabbit pAb
Catalog #:	Z5782-20; Z5782-100
Also Known As:	AIM2; PYHIN4
Quantity:	20 µl for Z5782-20; 100 µl for Z5782-100
Concentration:	See labels on tube
Host Species:	Rabbit
Isotype:	IgG
Reactivity:	Human, Mouse
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-260 of human AIM2.
Swiss Prot. #:	O14862
Calculated MW:	38kDa
Detected MW:	47kDa
Applications:	WB (1:500 - 1:2,000) IP (not tested) IHC (not tested) IF (not tested) Note: Antibody dilution should be optimized by users.

Images:



Immunoblotting 25 µg whole cell extracts of various cell lines using AIM2 antibody (Z5782) at 1:1,000 dilution.

Purification:	Protein A or G affinity purification
Buffer:	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage:	Store at -20°C. Centrifuge to maximize product recovery.
Background:	AIM2 is a member of the IFI20X /IFI16 family. It's an interferon-inducible protein containing an amino-terminal pyrin domain and carboxy-terminal HIN-200 domain that functions in innate immunity and tumor progression. AIM2 has a critical role in the activation of caspase-1, the protease responsible for the processing of pro-inflammatory cytokines IL-1 β and IL-18.
Reference:	1. DeYoung KL, et al. (1997) Oncogene 15, 453-457. 2. Choubey D, et al. (2000) FEBS Lett 474, 38-42.