

Goat anti-Aim2 (rodent) Antibody

Item Number dAP-2906

Target Molecule Principle Name: Aim2 (rodent); Official Symbol: Aim2; All Names and Symbols: Aim2; absent in melanoma 2; Gm1313; Ifi210; ifi-210; interferon-inducible protein 210; interferon-inducible protein AIM2; interferon-inducible protein p210; Accession Number (s): NP_001013801.2; Human Gene ID(s): 383619; Non-Human GenelD(s): 383619 (mouse) 304987 (rat)

Immunogen DHITEEELKRFKY, is from internal region (near N Terminus)

Applications Pep ELISA

Species Tested:

Purification Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied As lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Aliquot and store at -20°C. Minimize freezing and thawing.

Peptide ELISA Peptide ELISA: antibody detection limit dilution 1 to 64000.

Western Blot Western Blot: Preliminary experiments gave an approx 75kDa band in Mouse and Rat Thymus lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of

IHC

Reference Reference(s): Wenzel M, Wunderlich M, Besch R, Poeck H, Willms S, Schwantes A, Kremer M, Sutter G, Endres S, Schmidt A, Rothenfusser S. Cytosolic DNA triggers mitochondrial apoptosis via DNA damage signaling proteins independently of AIM2 and RNA polymerase III. J Immunol. 2012 Jan 1;188(1):394-

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**