

## Goat anti-MDA5 / IFIH1 Antibody

<b>Item Number</b>	dAP-0201
<b>Target Molecule</b>	Principle Name: MDA5 / IFIH1; Official Symbol: IFIH1; All Names and Symbols: IFIH1; MDA5; MDA-5; HlcD; MGC133047; IDDM19; melanoma differentiation associated protein-5; DEAD/H (Asp-Glu-Ala-Asp; His) box polypeptide; interferon induced with helicase C domain 1; helicard; Accession Number (s): NP_071451.2; Human Gene ID(s): 64135; Non-Human GeneID(s):
<b>Immunogen</b>	SNGYSTDENFRYL, is from N Terminus
<b>Applications</b>	Pep ELISA, IHC, WB Species Tested: Human
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Supplied As</b>	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.
<b>Peptide ELISA</b>	Peptide ELISA: antibody detection limit dilution 1 to 32000.
<b>Western Blot</b>	
<b>IHC</b>	Immunohistochemistry: In paraffin embedded Human Pancreas, shows strong cytoplasmic staining of some cells in the islets of Langerhans. Recommended concentration: 10ug/ml.
<b>Reference</b>	Reference(s): Kang DC, Gopalkrishnan RV, Wu Q, Jankowsky E, Pyle AM, Fisher PB. mda-5: An interferon-inducible putative RNA helicase with double-stranded RNA-dependent ATPase activity and melanoma growth-suppressive properties. Proc Natl Acad Sci U S A. 2002 Jan 22;99(2):637-42.. PMID: 11805321 ->

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**