

Recombinant TMIGD2/IGPR1 Monoclonal Antibody

catalog number: **AN301839L**

Note: Centrifuge before opening to ensure complete recovery of vial contents.

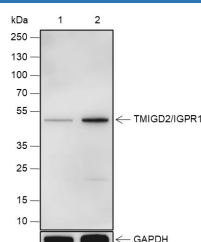
Description

Reactivity	Human;
Immunogen	Recombinant human TMIGD2/IGPR1 fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A551
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

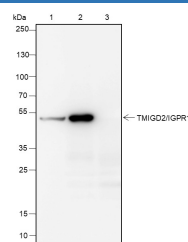
WB	1:500-1:1000
IP	1:50

Data



Western Blot with TMIGD2/IGPR1 Monoclonal Antibody at dilution of 1:1000. Lane 1: Human liver (Low expression), Lane 2: 293T

Observed-MW:53 kDa
Calculated-MW:31 kDa



Immunoprecipitation analysis using anti-TMIGD2/IGPR1 Monoclonal Antibody. Western blot was performed from the immunoprecipitate using TMIGD2/IGPR1 Monoclonal Antibody at a dilution of 1:50. Lane 1: 10% Input, Lane 2: TMIGD2/IGPR1 Monoclonal Antibody, Lane 3: Rabbit monoclonal IgG Isotype

Observed-MW:53 kDa
Calculated-MW:31 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

TMIGD2/IGPR1 has coreceptor activity and plays a role in cell-cell interaction, cell migration, and angiogenesis. Through interaction with HHLA2, it co-stimulates T-cells in the context of TCR-mediated activation. It enhances T-cell proliferation and cytokine production via an AKT-dependent signaling cascade.

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