

Anti-LMAN2 antibody



Catalog Number: 103917

Product name

Anti-LMAN2 antibody

Immunogen

[Human LMAN2 \(His Tag\) recombinant protein](#)

Specificity

Human LMAN2 / VIP36

No cross-reactivity in ELISA with E.coli cell lysate

Antibody description

Mouse monoclonal to LMAN2

Preparation

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Human LMAN2 / VIP36 (rh LMAN2 / VIP36; Q12907; Asp 45-Arg 322). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C.

Preservative-Free.

Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

Clonality

Monoclonal

Ig Type

Mouse IgG2a

Applications

ELISA, WB, IP

Dilutions

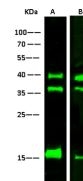
WB: 5-10 µg/ml

ELISA: 0.5-1 µg/mL

This antibody can be used at 0.5-1 µg/mL with the appropriate secondary reagents to detect Human LMAN2. The detection limit for Human LMAN2 is approximately 0.078 ng/well.

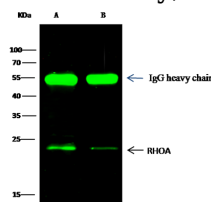
IP: 4-6 µg/mg of lysate

Validations



Lanes	A	B
Items		
Sample (whole cell lysate)	Jurkat	HeLa
Sample Volume (µg/lane)	30	30
Gel	13%SDS-PAGE reducing gel	
Recommended Concentration	5-10 µg/ml	
Secondary Antibody	Dylight 800-labeled Antibody To Mouse IgG (H+L), at 1:5000 dilution.	
Explanation	Developed using Odyssey imaging system. Predicted band size : 40 kDa Observed band size : 40 kDa Additional bands at : 37 kDa and 15 kDa (We are unsure as to the identity of these extra bands. They are possible non-specific bindings).	

LMAN2 / VIP36 Antibody, Mouse MAb, Western



Lanes	A	B
Items		
Sample (whole cell lysate)	MCF7	HeLa
Sample quantity	0.5 mg	
IP antibody quantity	2 µg	
Protein G agarose	15 µl of 50% Protein G Agarose	
Gel	13%SDS-PAGE reducing gel	
Primary antibody	RHOA antibody at 5µg/ml [Cat# 12441-R103]	
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.	

blot

LMAN2 / VIP36 Antibody, Mouse MAb, Immunoprecipitation