Anti-LMAN2 antibody

Catalog Number: 103917



Product name

Anti-LMAN2 antibody

Immunogen

Human LMAN2 (His Tag) recombinant protein

Specificity

Human LMAN2 / VIP36

 $oldsymbol{No}$ $oldsymbol{cross-reactivity}$ 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 $2^{\circ}\text{C-8}^{\circ}\text{C}$ 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: $0.5-1 \mu g/mL$

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

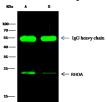
IP: 4-6 μg/mg of lysate

Validations



			
Lanes	А	В	
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 1:7500 dilution.		
Developed using Odyssey imaging system.			
Explaination	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	В
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	

LMAN2 / VIP36 Antibody, Mouse MAb, Immunoprecipitation