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

 $0.2\ \mu m$ 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 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 μ g/mg of lysate

Validations

	KD A B 100 55 40 28 13			
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

	100 70 55 35 25 15			≪— 1gG heavy chain ≪— RHOA
Lanes	A B sate) MCF7 HeLa			В
Sample (whole cell lysate)				Hela
Sample quantity				
IP antibody quantity 2		2 μ	g	
Protein G agarose	15 µl of 50% Protein G Agarose			
Gel	13% SDS-PAGE reducing gel			
Primary antibody	RHOA antibody at 5µg/ml [Catil 12441-R103]			
Secondary antibody	Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.			
	Items Sample (whole cell lysate) Sample quantity IP antibody quantity Protein G agarose Gel Primary antibody	Items Lanes Items Sample (wholecell tyste) IP antibody quantity IP antib	Items Lance A Sample quantity Protein G agross 15 jul Gel 135%	Items A Sample quantity 0.5 Protein Gagarose 15 Jul 6750%PC Protein Agarose 15 Jul 6750%PC

LMAN2 / VIP36 Antibody, Mouse MAb, Immunoprecipitation