

Anti-V5 antibody



Catalog Number: 141125

Product name

Monoclonal

Anti-V5 antibody

Ig Type

Mouse IgG1

Specificity

Recognize N-terminal and C-terminal V5 Tag in fusion proteins

Applications

WB, IP

Antibody description

Dilutions

Mouse Monoclonal to V5

WB: 1-5 µg/ml

Preparation

IP: 1-4 µg/mg of lysate

This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with a synthetic peptide corresponding to the V5 tag sequence (GKPIPNLLGLDST). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

Validations

Formulation

0.2 µm filtered solution in PBS

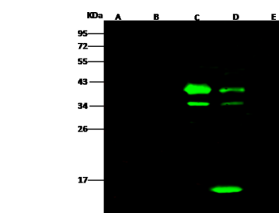
Storage

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.

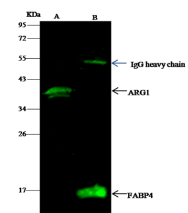
Preservative-Free.

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



Items	Lanes	A	B	C	D	E
Sample (transfected 293 cell lysate)		his-ARG1-V5	mFABP4-V5-his	V5-ARG1-his	V5-mFABP4-his	Negative control
Sample Volume (µg/lane)		60	60	10	20	30
Gel	13% SDS-PAGE reducing gel					
Recommended Concentration	1-5 µg/ml					
Secondary Antibody	DyLight 800 labeled Antibody To Mouse IgG (H+L), at 1:7500 dilution.					
Developed using Odyssey imaging system.						



Items	Lanes	A	B
Sample (whole cell lysate)		V5-ARG1-his	V5-mFABP4-his
Sample quantity	0.5 mg		
IP antibody quantity	2 µg		
Protein G Agarose	1.5 µl of 50% Protein G Agarose		
Gel	13% SDS-PAGE reducing gel		
Primary antibody	K1J1-SMCC-SIN0A378 antibody at 10 µg/ml		
Secondary antibody	DyLight 800 labeled antibody to Mouse IgG (H+L), at 1:7500 dilution		

Western blot (WB) 14828

Immunoprecipitation(IP) 14830