V5-Tag Mouse mAb

Cat. QYA10308A

Background

Epitope tags are useful for the labeling and detection of proteins using immunoblotting, immunoprecipitation,

and immunostaining techniques. Because of their small size, they are unlikely to affect the tagged protein's biochemical properties. The V5 tag is a 14 amino acid peptide derived from a small epitope (Pk) on the P and V proteins of simian virus 5 (SV5), a member of the paramyxovirus family. The V5 tag can be used to detect expression of recombinant proteins in bacteria, yeast, insects, and mammalian cell systems.

Source

The antibody was affinity-purified by affinity-chromatography using specific immunogen.

Product

Each vial contains 100ug mouse IgG diluted in 100ul of PBS pH7.4 containing 0.02% sodium azide and 50% glycerol. The antibody concentration is 1mg/ml.

Specificity

The antibody detects C-terminal, internal, and N-terminal V5-tag fusion proteins.

Applications and Suggested Working Concentration

WB: 1:5000-1:10000

IP: 1:200

IF: 1:1000

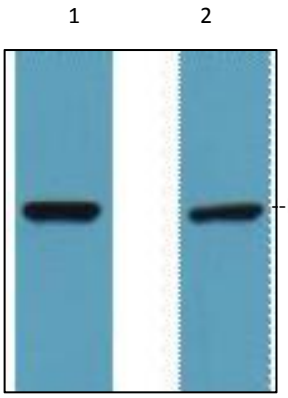
Storage

Storage at -20℃. Do not aliquot the antibody. Stable for one year from the date of shipment.

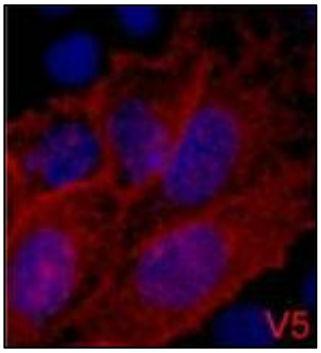
Research Use

For research use only, not for use in diagnostic procedures.

Data



Western blot analysis V5-tag fusion protein overexpression in 293 cells. Antibody was diluted at 1.1:5000 2.1:10000.



IF analysis of 293 cells transfected with a V5-tag fusion protein. Antibody was diluted at 1:2000 (red anti-V5, blue DAPI).

V5-Tag Mouse mAb

Catalog No.	QYA10308A
Size.	100ug
Source.	Mouse
Immunogen.	Synthesized peptide
Purification.	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using specific immunogen.
Specificity.	The antibody detects C-terminal, internal, and N-terminal Flag-tag fusion protein.
Formulation.	PBS, pH 7.4, containing 0.02% sodium azide and 50% Glycerol.
Concentration.	1 mg/ml
Storage / Stability.	-20°C/1 year
Reactivity.	N/A
Applications.	WB, IP, IF
Dilution.	WB:1:5000-1:10000, IP:1:200, IF:1:1000