ABflo® 488 Rabbit anti-DDDDK-Tag mAb

Catalog NO.: A27399

Basic Information

Observed MW

Calculated MW

Category
Monoclonal Antibodies

Applications
FC, FC (intra)

Cross-Reactivity
Species independent

Conjugation
ABflo® 488. Ex:491nm. Em:516nm.

Clone number
ARC73185

Background

FLAG-tag, or FLAG octapeptide, or FLAG epitope, is a polypeptide protein tag that can be added to a protein using recombinant DNA technology, having the sequence motif DYKDDDDK. It has been used for studying proteins in living cells and for protein purification by affinity chromatography. It has been used to separate recombinant, overexpressed protein from wild-type protein expressed by the host organism. It can also be used in the isolation of protein complexes with multiple subunits, because its mild purification procedure tends not to disrupt such complexes. It has been used to obtain proteins of sufficient purity and quality to carry out 3D structure determination by x-ray crystallography.A FLAG-tag can be used in many different assays that require recognition by an antibody. If there is no antibody against a given protein, adding a FLAG-tag to a protein allows the protein to be studied with an antibody against the FLAG sequence. Examples are cellular localization studies by immunofluorescence or detection by SDS PAGE protein electrophoresis and Western blotting.

Recommended Dilutions

FC	FC (intra)

Immunogen Information

Gene ID	**Swiss Prot**

Immunogen
Synthetic peptide. This information is considered to be commercially sensitive.

Synonyms
DDDDK;DDDDK tag;DDDDK-tag

Contact

Product Information

order@abclonal.com
service@abclonal.com
www.abclonal.com

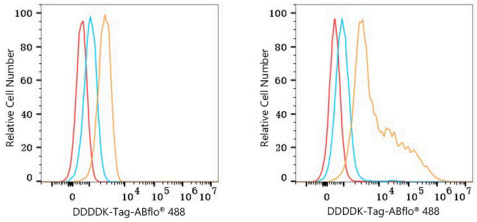
Source
Rabbit

Isotype
IgG

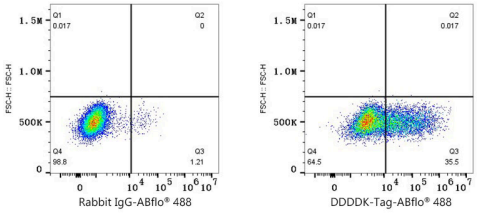
Purification
Affinity purification

Storage
Store at 2-8°C. Avoid freeze.
Buffer: PBS with 0.09% Sodium azide,0.2% BSA,pH7.3.

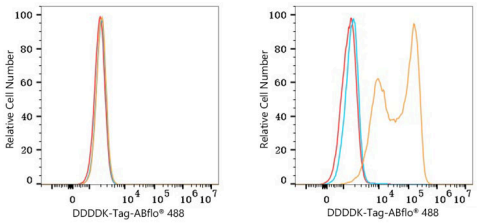
Validation Data



Flow cytometry: 1X10^6 293T cells (negative control,left) and 293T (Transfection,right) cells were intracellularly-stained with ABflo® 488 Rabbit anti-DDDDK-Tag mAb (A27399,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

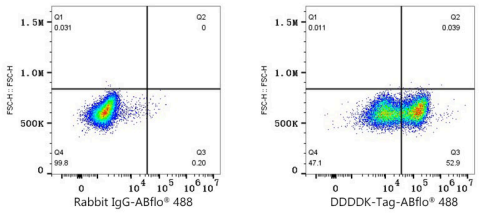


Flow cytometry: 1X10^6 293T (Transfection) cells were intracellularly-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-DDDDK-Tag mAb (A27399,5 µl/Test,right).



Flow cytometry: 1X10^6 293T cells (negative control,left) and 293T cells (right) were surface-stained with ABflo® 488 Rabbit anti-DDDDK-Tag mAb (A27399,5 µl/Test,orange line) or ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,blue line). Non-fluorescently stained cells were used as blank control (red line).

Validation Data



Flow cytometry: 1X10^6 293T (Transfection) cells were surface-stained with ABflo® 488 Rabbit IgG isotype control (A22069,5 µl/Test,left) or ABflo® 488 Rabbit anti-DDDDK-Tag mAb (A27399,5 µl/Test,right).

For research use only. Not for therapeutic or diagnostic purposes.

Please visit **https://abclonal.com** for a complete list of recommended products.