

32-6089: Mouse Anti FLAG peptide(Clone:PFLAGSHG.)

Clonality : Monoclonal
Clone Name : PFLAGSHG.
Application : IP,WB
Gene : HIF1AN
Gene ID : 55662
Uniprot ID : Q9NWT6
Format : Purified
Isotype : Mouse IgG2b.

Description

A fusion tag called FLAG consists of eight amino acids (AspTyrLysAspAspAspLys) including an enterokinase-cleavage site. FLAG is specifically designed for immunoaffinity chromatography. It allows elution under non-denaturing conditions. Several antibodies against this peptide have been developed. One antibody denoted as M1 binds the peptide in the presence of bivalent metal cations preferably Ca(+). Elution is effected by chelating agents. Another strategy is competitive elution with excess of free Flag Peptide. The FLAG peptide purifies and detects recombinant fusion proteins. FLAG peptide is useful in Western blotting, immunocytochemistry, immunoprecipitation, flow cytometry, protein purification, and in the study of protein-protein interactions, cell ultrastructure, and protein localization. Flag peptide is a hydrophilic tag which significantly improves the detection and purification of recombinant fusion proteins.

Product Info

Amount : 0.2 mg
Content : 1xPBS & 50% glycerol.
Storage condition : Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

Application Note

Western Blot, Immunoprecipitation.