

ELK Biotechnology

Flag-Tag(HRP Conjugated) Mouse mAb

Catalog NO.: EM1024 For research use only.

Overview

Product name Flag-Tag(HRP Conjugated) Mouse Monoclonal antibody

Source Mouse

Applications WB

Species reactivity N/A

Recommended dilutions WesternBlot:1/5000-10000

NOTE: Optimal dilutions should be determined by the end user.

Immunogen Synthetic Peptide

Species N/A

Storage PBS with 0.02% sodium azide and 50% glycerol pH 7.4.

Store at -20° C. Avoid repeated freeze-thaw cycles.

lsotype lgG1

Clonality Monoclonal

Concentration 1 mg/ml

Observed band N/A

GenelD (Human) N/A

Human Swiss-Prot No. N/A

Cellular localization N/A

Alternative Names DDDDK epitope tag DYKDDDDK epitope tag ECS epitope tag

Background The DYKDDDDK peptide (Flag-tag) is a small component of an epitope

which does not appear to interfere with the bioactivity or the biodistribution of the recombinant protein. It has been used extensively as a general epitope tag in expression vectors. It can be used for affinity chromatography then 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. A Flag-tag can be used in many

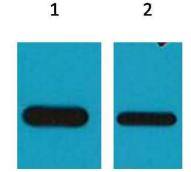
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different assays that require recognition by an antibody. If there is no

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antibody against the studied protein adding a Flag-tag to this protein allows one to follow the protein with an antibody against the Flag sequence.

Western blot analysis of Recombinant protein with EM1024 diluted at):5000 2):10000



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