Anti-DDDDK-tag [M2.1] Standard Size Ab00739-1.7

This antibody is in our proprietary AbFab2™ recombinant F(ab2) format - based on Mouse IgG1 sequence with a short dimerization domain to improve stability and a his tag.

This reformatted mouse antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse F(ab)2, AbFab2™ His-Tagged, Kappa
Clone Number: M2.1
Alternative Name(s) of Target: FLAG-tag; Equivalent to FLAG antibodies from Sigma; DYKDDDDK; DDDK; AspTyrLysAspAspAspAspLy
UniProt Accession Number of Target Protein:
Published Application(s): WB, ELISA, IF
Published Species Reactivity: n/a
Immunogen: Interleukin 2 genetically fused to the peptided DYKDDDDK, corresponding to the DDDDK epitope tag.
Specificity: This antibody recognises the DYKDDDDK-tag, a widely used epitope tag.
Application Notes: This antibody recognises he widely used DDDDK-tag commonly used as an epitope tag in fusion proteins. The tag can be recognised at any position within a fusion protein, i.e. N-terminally, Met-N-terminally, C-terminally as well as internally. This antibody's binding is not sensitive to calcium. This antibody recognises both native and denatured protein.
Antibody First Published in: Brizzard et al. Immunoaffinity purification of FLAG epitope-tagged bacterial alkaline phosphatase using a novel monoclonal antibody and peptide elution. Biotechniques. 1994 Apr;16(4):730-5. PMID:8024796
Note on publication: Describes the characterisation of this antibody.

Product Form

Size: 100 µg Purified antibody.
Purification: Purified by Immobilized Metal Affinity Chromatography
Supplied In: PBS with 0.02% Proclin 300.
Storage Recommendation: Store at 4ºC for up to 3 months. For longer storage, aliquot and store at -

20ºC.

Concentration: 1 mg/ml.

Important note – This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.