

**DYKDDDDK (x3) Tag Eluting Peptide**  
**Synthetic peptide**  
**Catalog # BP1013h****Specification**

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**DYKDDDDK (x3) Tag Eluting Peptide - Product Information**

Calculated MW **3038.73 Da Da**

**DYKDDDDK (x3) Tag Eluting Peptide - Additional Information****Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1013a](/products/AP1013a) is DYKDDDDK (Same epitope as Sigma's Anti-FLAG<sup>®</sup> M2 Antibody). A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay. Peptide sequence DYKDDDDKDYKDDDDKDYKDDDDK

**Format**

The synthetic peptide was lyophilized with 100% acetonitrile and is supplied as a powder. Reconstitute with 0.1 ml deionized water for a final concentration of 1 mg/ml.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**DYKDDDDK (x3) Tag Eluting Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**DYKDDDDK (x3) Tag Eluting Peptide - Images****DYKDDDDK (x3) Tag Eluting Peptide - Background**

Epitope tags are useful for the labeling and detection of recombinant proteins using western blotting, immunoprecipitation and immunostaining techniques. The eight amino acid DYKDDDDK peptide is an established and multi-functional epitope tag and can be expressed and detected with a recombinant protein as an amino-terminal or carboxy-terminal fusion (1). Abgent's DYKDDDDK antibody binds to the same epitope recognized by Sigma's Anti-FLAG<sup>®</sup> antibodies.

(FLAG<sup>®</sup> is a registered trademark of Sigma-Aldrich Co., which is not affiliated with Abgent).

**DYKDDDDK (x3) Tag Eluting Peptide - References**

Chubet RG, Brizzard BL. Vectors for expression and secretion of FLAG epitope-tagged proteins in mammalian cells. *Biotechniques* 1996;20(1):136-141