

AP11019PU-N**Polyclonal Antibody to DYKDDDDK Epitope Tag - Purified****Alternate names:**

D-tag, ECS Epitope Tag, ECS-tag, FLAG Epitope Tag, FLAG-tag

Quantity:

0.4 ml

Concentration:

lot specific

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).

Host / Isotype:

Rabbit / Ig

Immunogen:

KLH conjugated synthetic peptide (CDYKDDDDKDYKDDDDK) was used as antigen.

Format:**State:** Liquid purified Ig fraction.**Purification:** Protein G Chromatography, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.**Buffer System:** PBS containing 0.09% (W/V) Sodium Azide as preservative.**Applications:**

ELISA: 1/5,000.

Western Blot.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Storage:

Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

Caution:

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

General Readings:

1. Chubet RG, Brizzard BL. Vectors for expression and secretion of FLAG epitope-tagged proteins in mammalian cells. *Biotechniques*. 1996 Jan;20(1):136-41. PubMed PMID: 8770418.

Pictures:

Figure 1. Western blot analysis of a DYKDDDDK-tagged recombinant protein (bacterial lysate) using the DYKDDDDK Tag Antibody (Cat. #AP11019PU-N).

