

45-1004: Rabbit Polyclonal Antibody to DYKDDDDK-tag

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| Clonality : | Polyclonal |
| Application : | ELISA |
| Format : | Purified |
| Isotype : | Rabbit IgG |
| Immunogen Information : | A synthetic peptide DYKDDDDK conjugated to KLH |

Description

The DYKDDDDK peptide is a small component of the 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. DYKDDDDK-tag Antibody, pAb, Rabbit can be used to detect DYKDDDDK-tagged proteins.

Product Info

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| Amount : | 40 µg |
| Purification : | Immunoaffinity chromatography |
| Content : | 0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 0.02% sodium azide |
| Storage condition : | The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles. |

Application Note

ELISA: 0.01-0.05 µg/ml

Western blot: 1-2 µg/ml

Immunofluorescence: 10-20 µg/ml

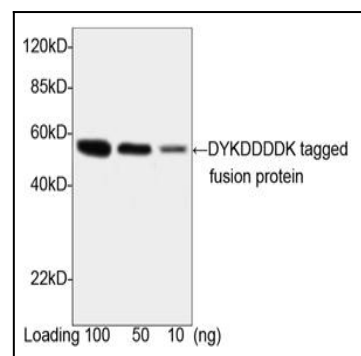


Figure-1 : Western blot analysis of DYKDDDDK-tag Antibody at 1 µg/ml on DYKDDDDK-tagged fusion protein (100, 50 & 10 ng).

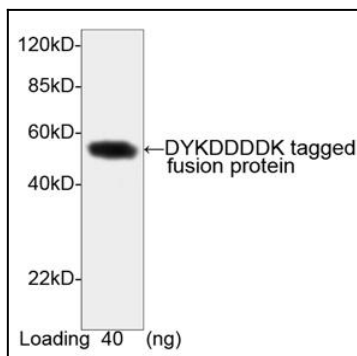


Figure-2 : Western blot analysis of DYKDDDDK-tag Antibody at 1 µg/ml on DYKDDDDK-tagged fusion protein (40ng).

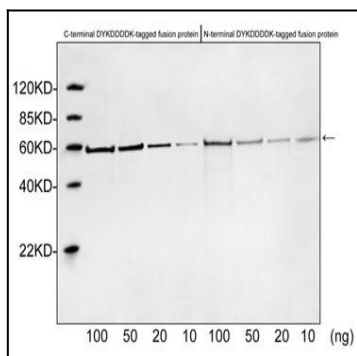


Figure-3 : Western blot analysis of DYKDDDDK-tag Antibody at 1 µg/ml on C-terminal & N-terminal of DYKDDDDK tagged fusion proteins (10-100ng) expressed in E. coli cell lysate.

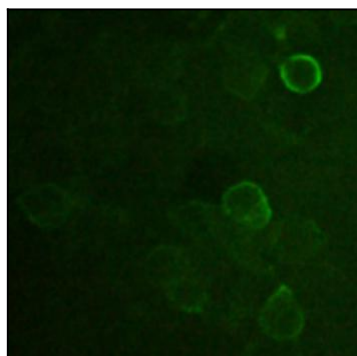


Figure-4 : Immunofluorescence analysis of DYKDDDDK-tag Antibody at 10¹/₄g/ml on HEK293 cells transfected with Flag-tagged CD4 protein.