
Product Datasheet

DYKDDDDK antibody (Peroxidase) (orb345855)

Description

DYKDDDDK antibody (Peroxidase)

Species/Host

Rabbit

Conjugation

HRP

Tested Applications

ELISA, IHC, WB

Immunogen

This antibody was purified from whole rabbit serum prepared by repeated immunizations with the Enterokinase Cleavage Site (ECS) peptide DYKDDDDK (Asp-Tyr-Lys-Asp-Asp-Asp-Lys) conjugated to KLH using maleimide. This antibody reacts with FLAG conjugated proteins.

Preservatives

0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

Form/Appearance

Lyophilized

Concentration

1.0 mg/mL

Storage

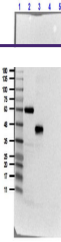
Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Note

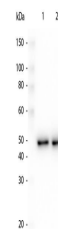
For research use only

Application notes

This antibody is optimally suited for monitoring the expression of FLAG tagged fusion proteins. As such, this antibody can be used to identify fusion proteins containing the FLAG epitope. The antibody recognizes the epitope tag fused to the amino- and carboxy-termini of targeted proteins. This antibody has been tested by ELISA and western blotting against both the immunizing peptide and FLAG containing recombinant proteins. Although not tested, this antibody is likely functional for immunoprecipitation and immunocytochemistry, and other immunodetection techniques. The epitope tag peptide sequence was first derived from the 11-amino-acid leader peptide of the gene-10 product from bacteriophage T7. Now the most commonly used hydrophilic octapeptide is DYKDDDDK. Rockland Immunochemical's polyclonal antibody to detect FLAG conjugated proteins binds FLAG containing fusion proteins with greater affinity than the widely used monoclonal M1, M2 and M5 clones, and shows greater sensitivity in most assays. Affinity purification of the polyclonal antibody results in very low background levels in assays and low cross-



Western Blot of Peroxidase conjugated Ra...



Western blot of Peroxidase conjugated Ra...

Purity

This affinity purified antibody is directed against the FLAG motif and is useful in determining its presence in