

## **Product Datasheet**

**DYKDDDDK antibody (orb344453)** 



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**Description**nts. DYKDDDDK antibody

Species/Host Mouse

Conjugation Unconjugated

Tested
Applications

ELISA, FC, IHC, WB

Immunogen This antibody was produced in mice by repeated

immunizations with a synthetic peptide corresponding to the FLAG epitope tag peptide DYKDDDDK (Asp-Tyr-Lys-

Asp-Asp-Asp-Lys) conjugated to KLH using

maleimide.

**Preservatives** 0.01% (w/v) Sodium Azide

Form/Appearance Liquid (sterile filtered)

**Concentration** 1.0 mg/ml

**Storage** Store vial at -20° C prior to opening. Aliquot contents and

freeze at -20° C or below for extended storage. 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** Anti-FLAG antibody has been tested by ELISA and

western blot and 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 either the amino- or carboxy-termini of targeted proteins. The epitope tag peptide sequence was first derived from the 11-amino-acid

leader peptide of the gene-10 product from

bacteriophage T7. DYKDDDDK is the most commonly

used hydrophilic octapeptide tag.

**Isotype** IgG2a

**Clonality** Monoclonal

**Purity** This product is an IgG fraction antibody purified from

ascites by Protein A chromatography followed by extensive dialysis against the buffer stated above. The purified antibody is directed against the FLAG motif and is useful in determining its presence in various assays where the epitope tag is present at either the amino or carboxy terminus of recombinant proteins. This monoclonal anti-FLAG tag antibody detects over-

expressed proteins containing the FLAG epitope tag. In

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Monoclonal Antibody to detect FLAG™ co...



Twenty-four (24) clones were randomly se...

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