

Product Datasheet

DYKDDDDK Tag (FLAG) Antibody Peroxidase Conjugated (orb344540)

Catalog Number	orb344540
Category	Antibodies
Description	DYKDDDDK antibody (Peroxidase)
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG2a
Conjugation	HRP
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	This antibody is directed against the FLAG epitope tag and is useful in determining its presence in over expressed proteins in various assays. The antibody recognizes the FLAG epitope tag (Asp-Tyr-Lys-Asp-Asp-Asp-Lys) fused to either the amino- or carboxy- termini of targeted proteins in transfected or transformed cells.
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.

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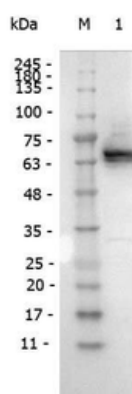
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Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:10,000-1:50,000, IHC: 1:500-1:2,500, WB: 1:10,000
Application notes	Anti-FLAG Peroxidase has been tested by ELISA and western blot. This antibody is optimally suited for monitoring the expression 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 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.
Antibody Type	Primary Antibody
Clone Number	29E4.G7
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
Expiration Date	12 months from date of receipt.



Western Blot of Mouse antibody for the detection of FLAG™ conjugated proteins Monoclonal Antibody Peroxidase Conjugated. Lane 1: FLAG™ Positive Control Lysates. Load: 10 µg per lane. Primary antibody: FLAG™ Monoclonal Antibody Peroxidase Conjugated at 1:1000 for overnight at 4°C. Secondary antibody: none. Block: Blocking Buffer for Fluorescent Western Blotting for 30 min at RT. Predicted/Observed size: ~60 kDa, ~60 kDa.

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