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Product Datasheet

DYKDDDDK antibody (Biotin) (orb344544)

Description	DYKDDDDK antibody (Biotin)
Species/Host	Mouse
Conjugation	Biotin
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-Asp-Lys) conjugated to KLH using maleimide.
Preservatives	0.01% (w/v) 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	Anti-FLAG Biotin has been tested by ELISA. 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.
Isotype	IgG2a
Clonality	Monoclonal
Purity	This antibody is directed against the FLAG epitope tag and is useful in determining its presence in over expressed proteins in

Dilution Range	ELISA: 1:100,000, FC: User Optimized, IHC: