

| DYKDDDDK Tag Mouse Monoclonal (FITC) (29E4.G7) Antibody - LS-C154014 - LSBio | |
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| CatalogID: | LS-C154014 |
| Target: | Enterokinase (ECS) Cleavage Site / DYKDDDDK Tag |
| Host | Enterokinase (ECS) Cleavage Site / DYKDDDDK Tag antibody was produced in Mouse |
| Clonality: | Monoclonal |
| Isotype: | IgG |
| Clone Name: | 29E4.G7 |
| Conjugations: | Fluorescein (FITC) |
| Antigen Type: | Synthetic peptide |
| Immunogen: | DYKDDDDK Tag antibody was raised against 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. Residues of glycine and cysteine were added to the termini to facilitate coupling. |
| Specificity: | This antibody is directed against DYKDDDDK and is useful in determining its presence in over expressed proteins in various assays. The antibody recognizes DYKDDDDK fused to either the amino- or carboxy- termini of targeted proteins in transfected or transformed cells. |
| Purification: | Purified |
| Reconstitution: | deionized water. Possible additional volumes for resuspension: 100 µl |
| Presentation: | 0.02 M potassium phosphate, 0.15 M sodium chloride, pH 7.2, 1% BSA, 0.01% sodium azide |
| Recommended Storage: | Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. |
| Usage Summary: | This antibody is optimally suited for monitoring the expression of DYKDDDDK tagged fusion proteins. As such, this antibody can be used to identify fusion proteins containing the DYKDDDDK 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. |
| Uses: | Immunofluorescence (1:500 - 1:2500) (Optimal dilution to be determined by the researcher) |
| Size: | 100 µg |
| Requested From: | Japan |
| Laboratory Reagent For In Vitro Research Use Only | |
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| Created on 9/25/2014 | |
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