

For Research Use Only

# DDDDK tag Monoclonal antibody (Binds to FLAG® tag epitope)



Catalog Number: 66008-1-Ig **73 Publications**

## Basic Information

<b>Catalog Number:</b> 66008-1-Ig	<b>GenBank Accession Number:</b> GeneID (NCBI): 8	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Bradford method using BSA as the standard;	<b>UNIPROT ID:</b> FLAGTAG	<b>CloneNo.:</b> 2C3F4
<b>Source:</b> Mouse	<b>Full Name:</b> Flag Tag	
<b>Isotype:</b> IgG2b		

## Applications

**Tested Applications:**  
ELISA

**Cited Applications:**  
WB, IF, IP, RIP

**Species Specificity:**  
human, mouse, rat

**Cited Species:**  
human

## Background Information

DDDDK tag, also known as DDK tag, is a hydrophilic tag for recombinant protein technology with the sequence DYKDDDDK. The structure of DDDDK tag has been optimized for compatibility with the proteins it is attached to and unlikely to denature or inactivate them. For its high hydrophilic nature, the DDDDK tag is likely to be located on the surface of a fusion protein, which enables the tag more likely to be accessible to antibodies. This product is generated against 1xDDDDK tag (DYKDDDDK) and can recognize protein containing one or more DDDDK tags, no matter it is/they are located at N-terminal, C-terminal or at internal regions. The binding of this product with DDDDK tagged fusion protein does not depend on calcium ion. The clone of this monoclonal antibody hybridoma is 2C3F4, which is different from any other vendors.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zhangtao Jiang	27681138	J Virol	
Gang Liu	31534127	Cell Death Dis	
B Huang	31533080	Fish Shellfish Immunol	IF

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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