Name: Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody

Product Data Sheet

Catalog #: TA50011-100

Isotype: IgG2a

Reactivity: DDK (FLAG tag): DYKDDDDK

Test application:
Clone Name: clone OTI4C5 (formerly 4C5)

Guaranteed Applications: WB, IF, FC, IP


Immunogen: Anti-DDK monoclonal antibody is produced by immunizing mice with a synthetic peptide (DYKDDDDK) coupled to KLH

Components:
- Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody (TA50011-100)

Amount: 100ul

Concentration: 1mg/ml

Storage Condition: Stable for 1 year at -20ºC from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to opening the cap. Aliquot to avoid repeated freezing and thawing. Aliquot will be stable at 4ºC for 3 months.

Note: This antibody doesn't recognize N-terminus DDK tag. Please use <a href="/antibody/antitag_detail.aspx?sku=TA180144">TA180144</a> for the detection of DDK tag at any location in Western blotting.

Validation Data:

WB Data

Immunoblot analysis of randomly picked 7 different Myc/DDK tagged overexpression lysates and Myc/DDK tagged Western molecular weight marker (MWM1001) with TA50011 at 1:2,000.

IF Data

Hela cells transiently transfected with Myc/DDK tagged GFAP ORF cDNA clone were immunostained with 4C5 anti-DDK antibody (TA50011, 1:1000), and then colored in green with Alexa 488 conjugated secondary antibody (1:2000). The nuclei (blue) were counterstained with DAPI.

IP Data
Protein purification of a human protein from over-expression lysate with anti-DDK antibody affinity column (TA50011, clone 4C5)

**FC Data**

HEK293T cells transfected with either Myc/DDK tagged PROM2 ORF overexpression plasmid (red) or empty vector control plasmid (blue) were immunostained with OriGene anti-DDK antibody (TA50011, 1:1000) and analyzed by flow cytometry.

**Related Product:**
TrueORF cDNA clones  
VERIFY Tagged Antigen lysates  
HuSH-29 shRNA  
Western Blot reagents  
Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich  
* More validation images may be available on our website: [http://www.origene.com/antibody/TA50011-100.aspx](http://www.origene.com/antibody/TA50011-100.aspx)