

Product datasheet for **CF50011**

Carrier-free (BSA/glycerol-free) Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody

Product data:

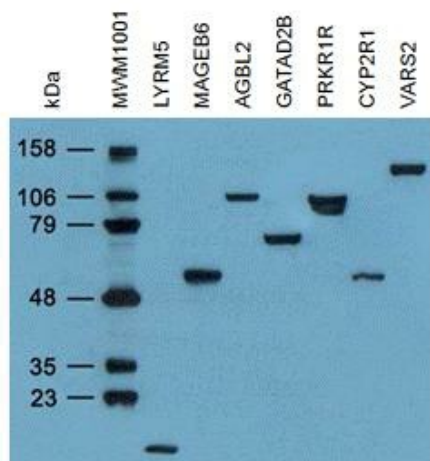
| | |
|-------------------------------|---|
| Product Type: | Tag Antibodies |
| Product Name: | Carrier-free (BSA/glycerol-free) Clone OTI4C5, Anti-DDK (FLAG) monoclonal antibody |
| Clone Name: | OTI4C5 (formerly 4C5) |
| Applications: | FC, IF, IP, WB |
| Recommended Dilution: | WB: 1:2000, IP: 1:200, IF 1:1000, FC: 1:1000, IHC: 1:1000-1:2000 |
| Reactivity: | DDK (FLAG tag): DYKDDDDK |
| Host: | Mouse |
| Clonality: | Monoclonal |
| Immunogen: | Anti-DDK monoclonal antibody is produced by immunizing mice with a synthetic peptide coupled to KLH |
| Isotype: | IgG2a |
| Formulation: | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| Reconstitution Method: | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| Conjugation: | Unconjugated |
| Storage: | Stable for 1 year at -20°C 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 4°C for 3 months. |
| Stability: | Stable for 1 year at -20°C from date of shipment. |
| Synonyms: | ANTI DDK, ANTI-DDK, ANTIDDK, FLAG TAG, ANTI FLAG, ANTI-FLAG, ANTI FLAG ANTIBODY, FLAG ANTIBODY, M2 ANTIBODY, FLAG M2, ANTIBODY FOR FLAG, 4C5, ANTI DDK 4C5, DDK 4C5, ANTI-DDK 4C5, DYKDDDDK TAG, D-TAG ANTIBODY, ANTI D-TAG, ANTI D TAG, ANTI-D TAG, ANTI-MDDK, ANTI-MYC DDK, ANTI-MYC/DDK, MYC/DDK ANTIBODY, MYC DDK ANTIBODY, ANTI MYC DDK, ANTI DDK MYC, ANTI-DDK/MYC, ANTI-DDK MYC, FLAG AB, FLAG MAB, DDK ANTIBODY |



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Note: This antibody doesn't recognize N- terminus DDK tag. Please use TA180144 for the detection of DDK tag at any location in Western blotting.

Product images:



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.

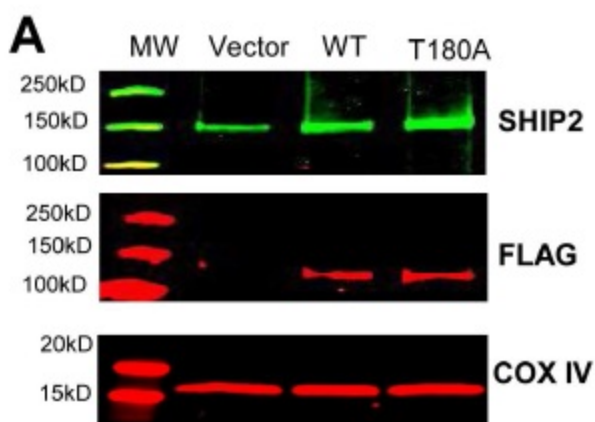


Figure from citation: Western blot analysis of DDK-fused protein level (red) in SHIP2-FLAG TIME transfectants by using anti-DDK antibody. [View Citation](#)



Figure from citation: Western blot analysis of DDK-fused protein level by using anti-DDK antibody in Flp-In-293 cells. Dilution: 1:200 [View Citation](#)

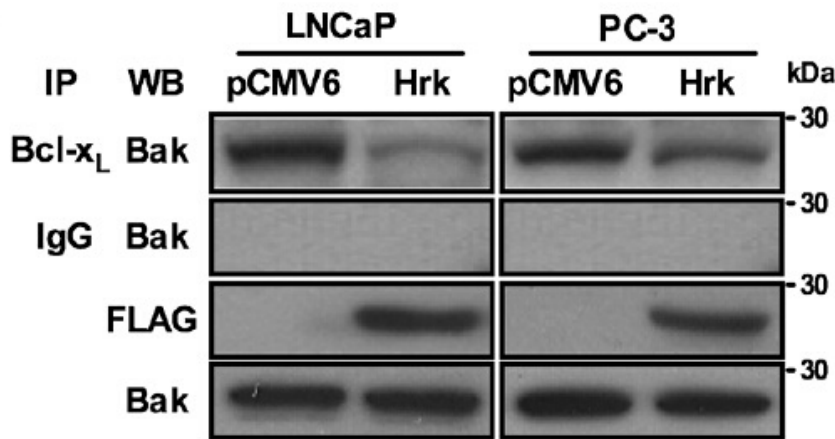


Figure from citation: Western Blot of DDK (FLAG) fused protein level by using anti-DDK antibody in human LNCaP or PC-3 cells. [View Citation](#)

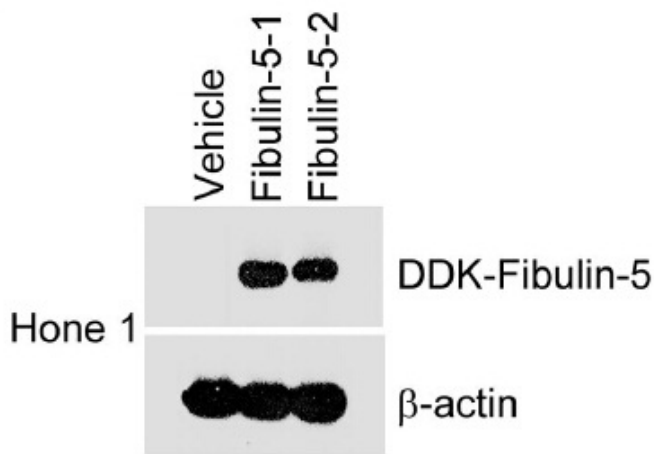
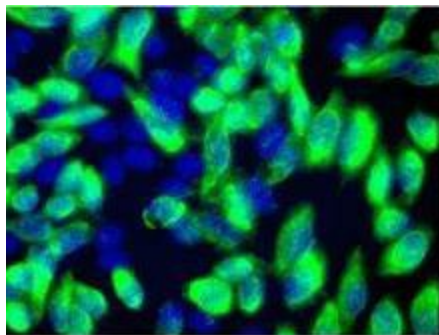
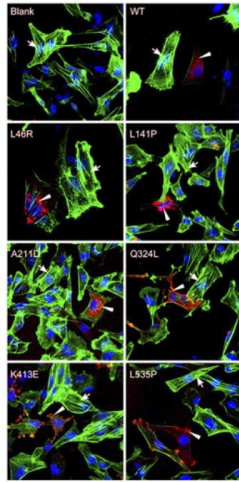


Figure from citation: Western Blot of DDK (FLAG) fused protein level by using anti-DDK antibody in human Hone1 cells. [View Citation](#)



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.



Immunofluorescence staining for F-actin (green) and merlin mutants (red) in CH157 NM cells transfected with wild-type merlin, merlin mutants, as well as empty vector (blank). The nuclei of cells were counterstained with Hoechst (blue). Arrows point to F-actin stress fibers and arrowheads point to mutant merlin. to right) and negative control vector (lane 1) using anti-HA tag rabbit monoclonal antibody ([TA591010]) at 1:2000 dilution. (<https://doi.org/10.1073/pnas.1102198108>)

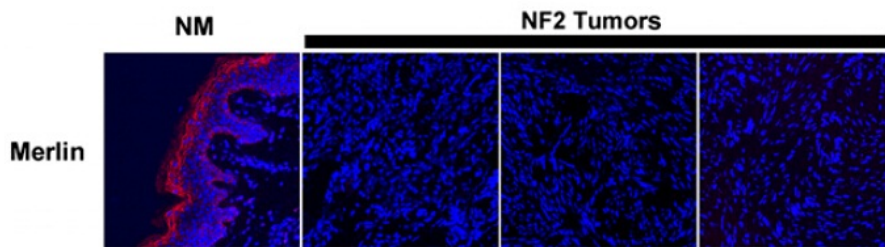


Figure from citation: Immunofluorescence of DDK (FLAG) protein level by using anti-DDK antibody in tumor specimens and normal tissue derived from patients with NF2. Dilution: 1:200 [View Citation](#)

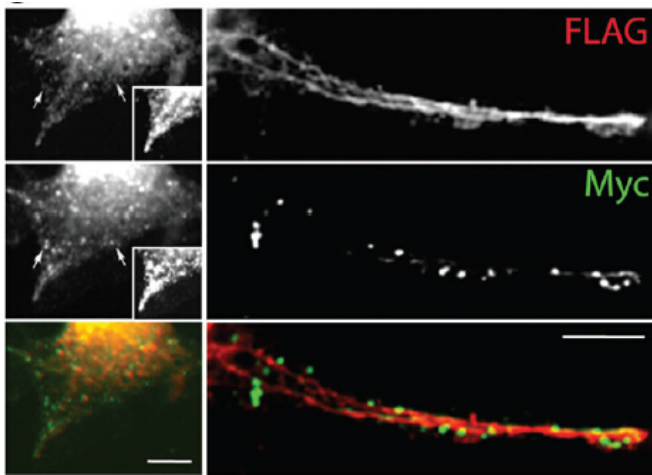


Figure from citation: Immunofluorescence of DDK (FLAG) fused protein level by using anti-DDK antibody in mouse CAD cells. [View Citation](#)

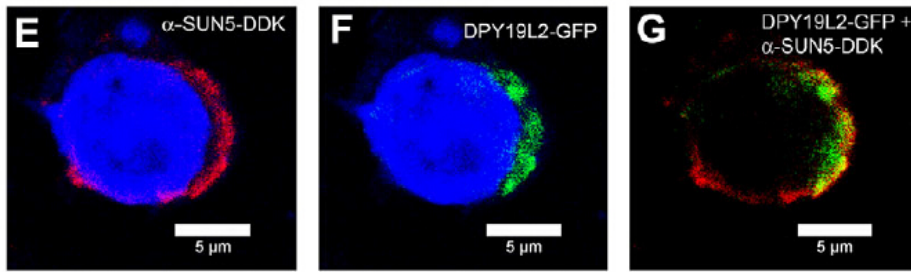
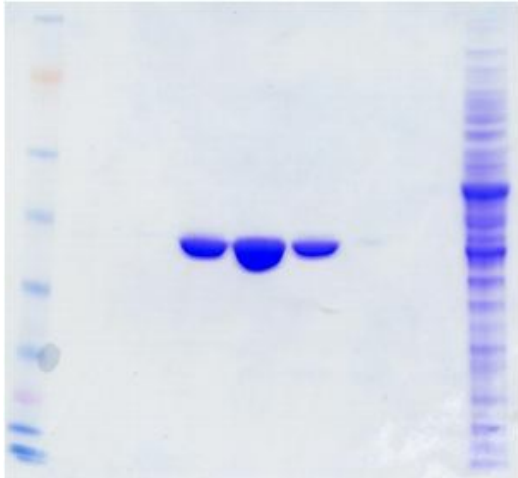


Figure from citation: Immunofluorescence of DDK (FLAG) fused protein level by using anti-DDK antibody in HEK cells. [View Citation](#)



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

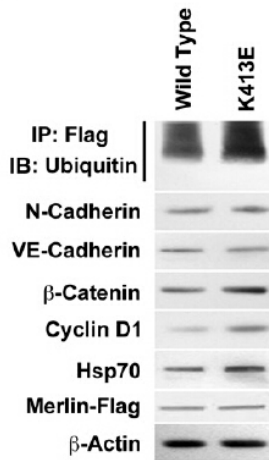


Figure from citation: Immunoprecipitation of DDK (FLAG) fused protein level by using anti-DDK antibody in human CH157 NM cells. Dilution: 1:200 [View Citation](#)

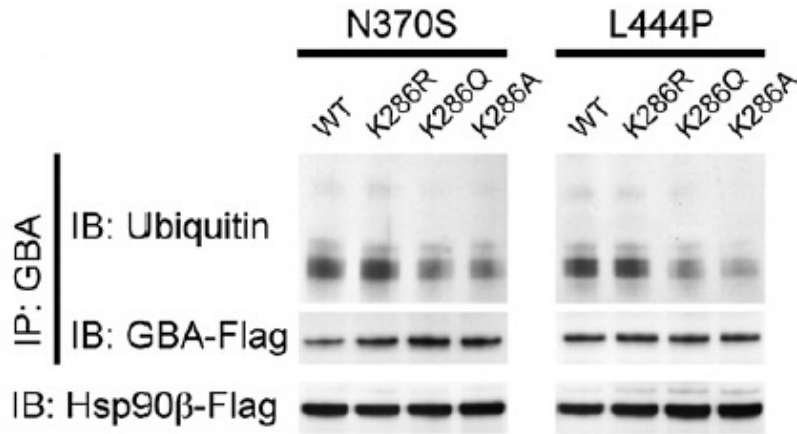
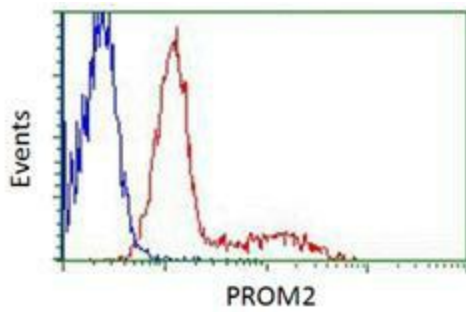


Figure from citation: Immunoprecipitation of DDK (FLAG) fused protein level by using anti-DDK antibody in HeLa cells. [View Citation](#)



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.