

## Product datasheet for **TA592569Sample**

### Rabbit monoclonal anti-DDK Antibody, clone OTIR5G2

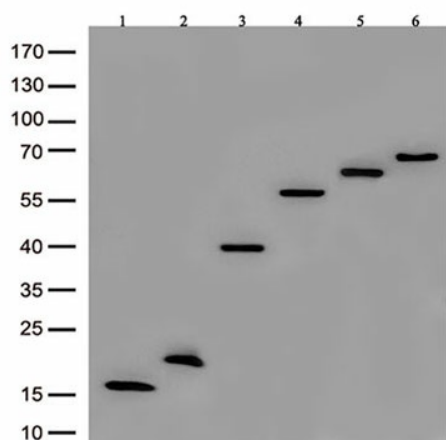
#### Product data:

Product Type:	Tag Antibodies
Product Name:	Rabbit monoclonal anti-DDK Antibody, clone OTIR5G2
Clone Name:	OTIR5G2
Applications:	ELISA, FACS, FC, IF, IHC, IP, WB
Recommended Dilution:	WB 1:300, ELISA 1:500, IP 1:100
Host:	Rabbit
Clonality:	Monoclonal
Immunogen:	Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within DDK. The exact sequence is proprietary.
Isotype:	IgG
Formulation:	PBS (PH 7.3) containing 1% BSA, and 0.02% sodium azide.
Concentration:	0.1 mg/mL
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	+4°C for 3 months
Background:	Flag is widely used as an additional tag in expression vectors. The tag can be fused with the target protein at the N-terminal and C-terminal, and can be detected.

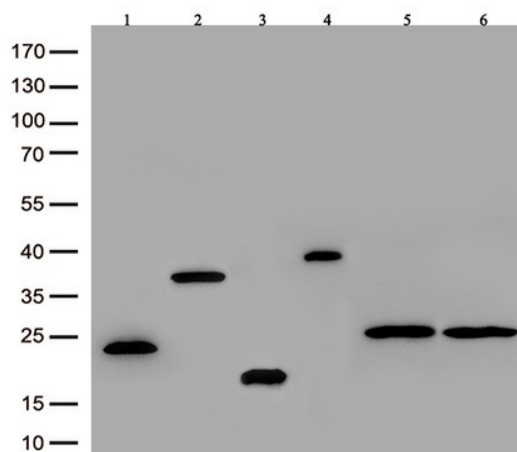


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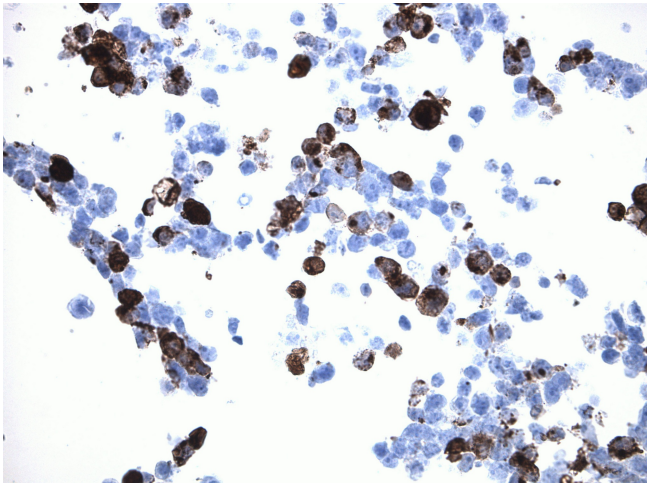
**Product images:**



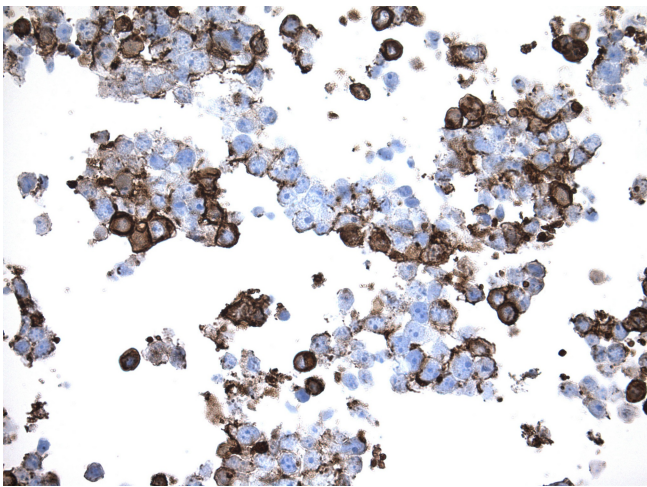
Immunoblot analysis of 6 different C-terminal Myc/DDK tagged overexpression lysates(Lane 1.CST4;2.LSM1;3.ALDOB;4.ALDH3A1;5.PLK1;6.METTL16) with [TA592569] at 1:3000.



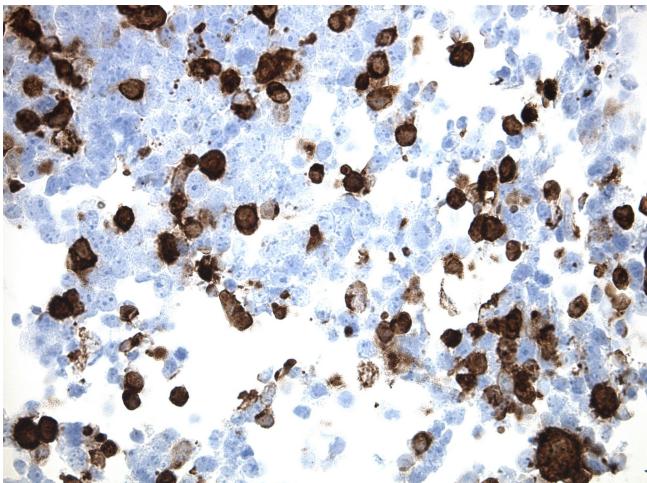
Immunoblot analysis of picked 6 different DDK tagged overexpression lysates with [TA592569] at 1:3000. (Lane 1/2 N-terminal DDK tag;Lane 3/4 C-terminal 3XDDK tag; Lane 5/6 N-terminal 3XDDK tag.)



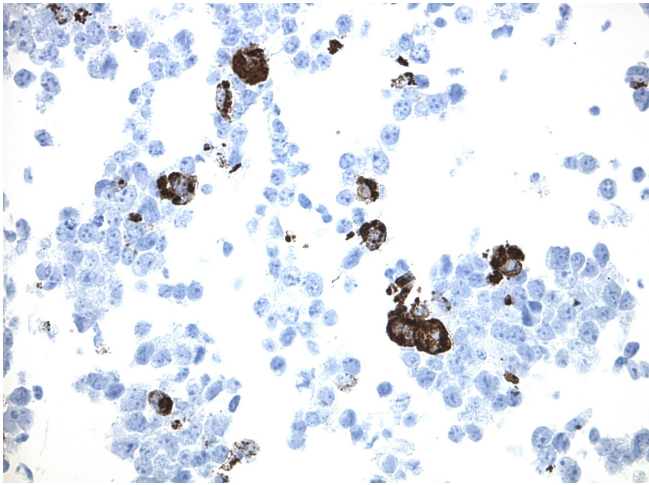
Immunohistology staining on IL6 overexpressed cytosection [TS402078P5] with rabbit anti DDK clone OTIR5G2 C/N [TA592569] at 1:2000 dilution 20m RT. Antibody staining was achieved with HIER Citrate pH6 , Polink1 with DAB chromogen detection kit ([D11-18]). Positive stain shown with the brown chromogen present. HEK293T cells were transfected with cDNA clone [RC202078], 5 micron sections, 40x magnification



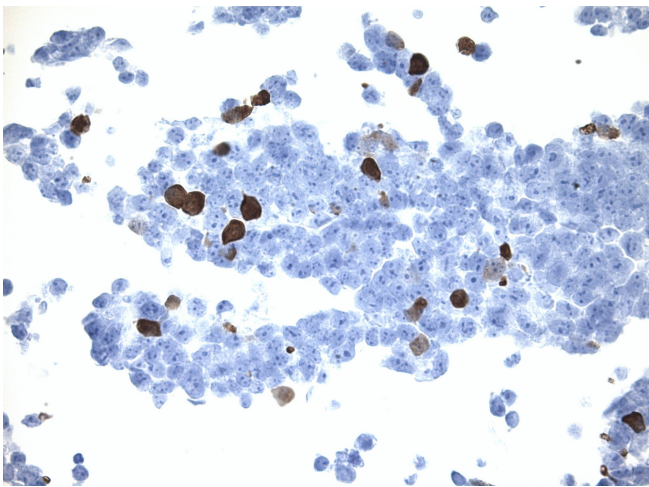
Immunohistology staining on TNF overexpressed cytosection [TS406983P5] with rabbit anti DDK clone OTIR5G2 C/N [TA592569] at 1:2000 dilution 20m RT. Antibody staining was achieved with HIER Citrate pH6 , Polink1 with DAB chromogen detection kit ([D11-18]). Positive stain shown with the brown chromogen present. HEK293T cells were transfected with cDNA clone [RC206983], 5 micron sections, 40x magnification



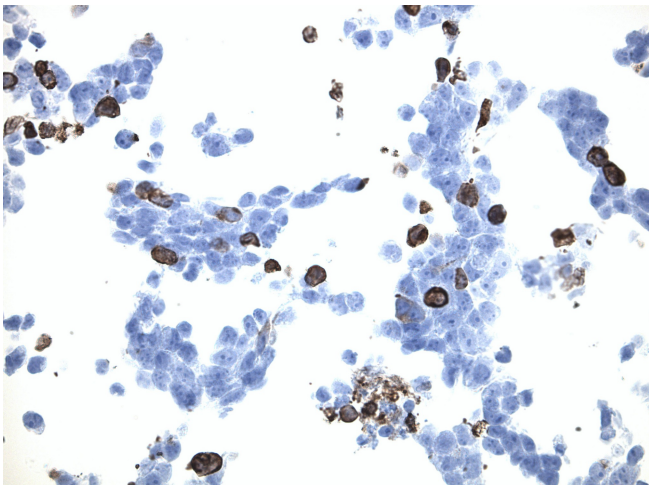
Immunohistology staining on IL11 overexpressed cytosection [TS404493P5] with rabbit anti DDK clone OTIR5G2 C/N [TA592569] at 1:2000 dilution 20m RT. Antibody staining was achieved with HIER Citrate pH6 , Polink1 with DAB chromogen detection kit ([D11-18]). Positive stain shown with the brown chromogen present. HEK293T cells were transfected with cDNA clone [RC204493], 5 micron sections, 40x magnification



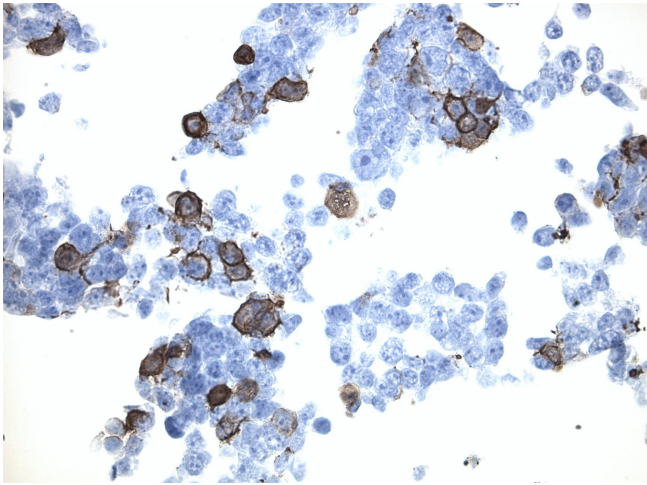
Immunohistology staining on IL10 overexpressed cytosection [TS416785P5] with rabbit anti DDK clone OTIR5G2 C/N [TA592569] at 1:2000 dilution 20m RT. Antibody staining was achieved with HIER Citrate pH6 , Polink1 with DAB chromogen detection kit ([D11-18]). Positive stain shown with the brown chromogen present. HEK293T cells were transfected with cDNA clone [RC216785], 5 micron sections, 40x magnification



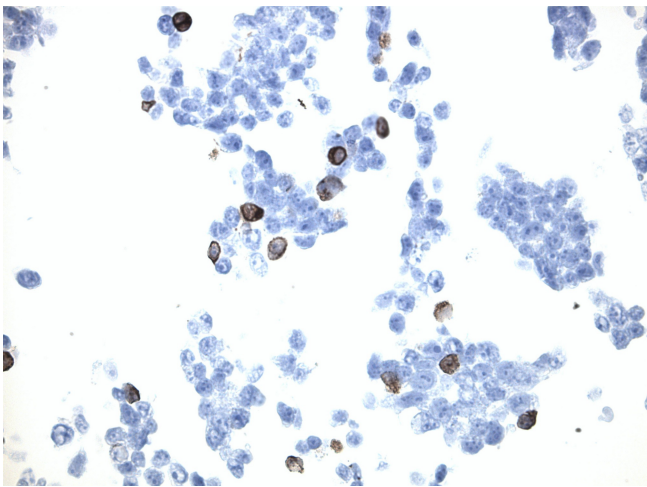
Immunohistology staining on IL1B overexpressed cytosection [TS402079P5] with rabbit anti DDK clone OTIR5G2 C/N [TA592569] at 1:2000 dilution 20m RT. Antibody staining was achieved with HIER Citrate pH6 , Polink1 with DAB chromogen detection kit ([D11-18]). Positive stain shown with the brown chromogen present. HEK293T cells were transfected with cDNA clone [RC202079], 5 micron sections, 40x magnification



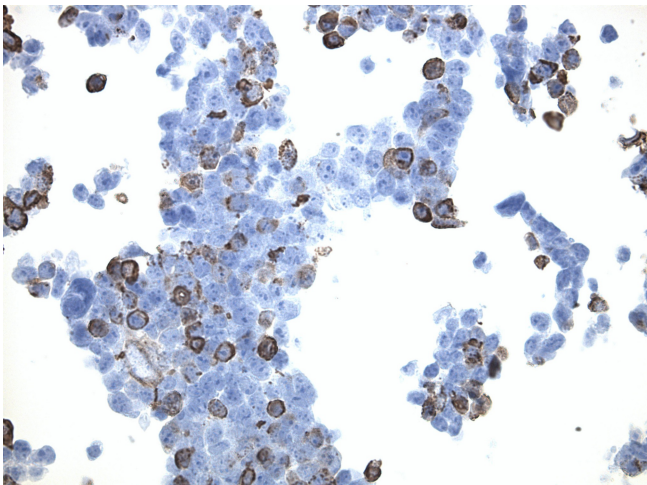
Immunohistology staining on PCDHA11 overexpressed cytosection [TS421707P5] with rabbit anti DDK clone OTIR5G2 C/N [TA592569] at 1:2000 dilution 20m RT. Antibody staining was achieved with HIER Citrate pH6 , Polink1 with DAB chromogen detection kit ([D11-18]). Positive stain shown with the brown chromogen present. HEK293T cells were transfected with cDNA clone [RC221707], 5 micron sections, 40x magnification



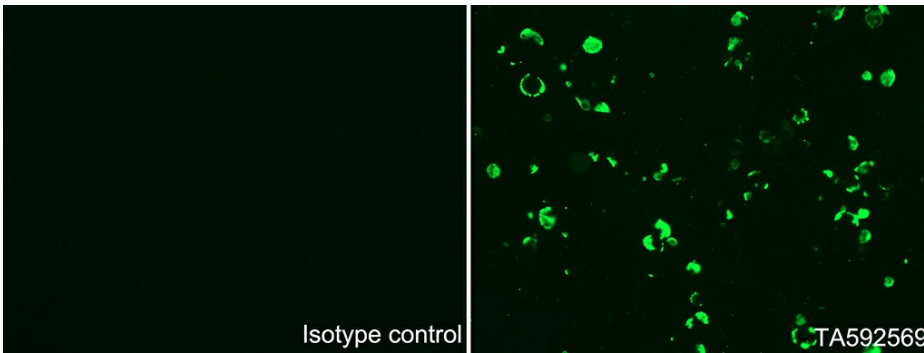
Immunohistochemistry staining on CLDN22 overexpressed cytosection [TS425263P5] with rabbit anti DDK clone OTIR5G2 C/N [TA592569] at 1:2000 dilution 20m RT. Antibody staining was achieved with HIER Citrate pH6 , Polink1 with DAB chromogen detection kit ([D11-18]). Positive stain shown with the brown chromogen present. HEK293T cells were transfected with cDNA clone [RC225263], 5 micron sections, 40x magnification



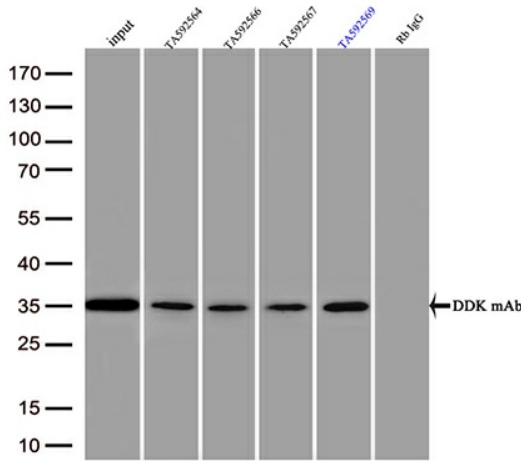
Immunohistochemistry staining on CH25H overexpressed cytosection [TS404716P5] with rabbit anti DDK clone OTIR5G2 C/N [TA592569] at 1:2000 dilution 20m RT. Antibody staining was achieved with HIER Citrate pH6 , Polink1 with DAB chromogen detection kit ([D11-18]). Positive stain shown with the brown chromogen present. HEK293T cells were transfected with cDNA clone [RC204716], 5 micron sections, 40x magnification



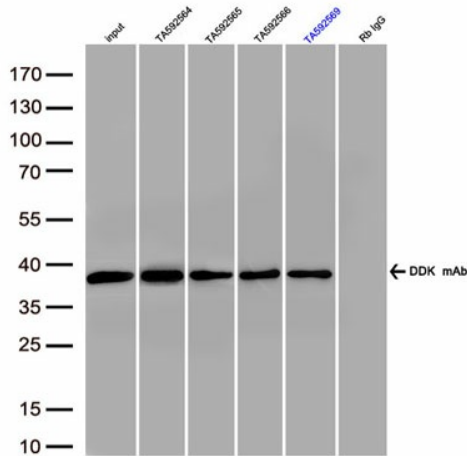
Immunohistochemistry staining on SPON2 overexpressed cytosection [TS406764P5] with rabbit anti DDK clone OTIR5G2 C/N [TA592569] at 1:2000 dilution 20m RT. Antibody staining was achieved with HIER Citrate pH6 , Polink1 with DAB chromogen detection kit ([D11-18]). Positive stain shown with the brown chromogen present. HEK293T cells were transfected with cDNA clone [RC206764], 5 micron sections, 40x magnification



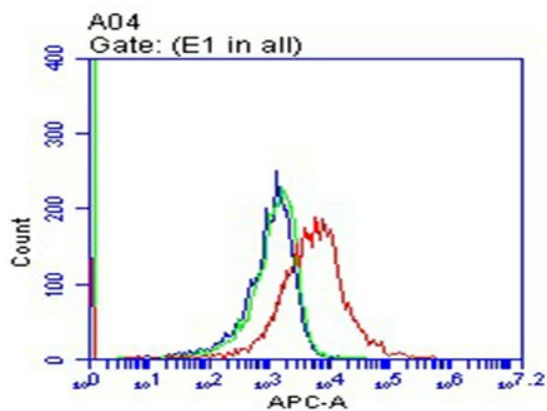
Immunofluorescent staining of 293T cells transfected by human CTAG1B plasmid([RC213318]) using anti-DDK antibody ([TA592569]/green), compared to an isotype control(Left),(1:400)



Immunoprecipitation (IP) of DDK by using DDK Rabbit monoclonal antibody [TA592569]. Rabbit IgG control serves as the negative control. 293T cells were transfected with C-terminal DDK-tagged OTUB2 overexpression plasmid. 1ml overexpression cell lysates were first precleared with agarose beads for 1h. Then precleared lysates were incubated with beads crosslinked with antibody for 2h. After extensive wash to remove any non-specific binding, the immunoprecipitated products were analyzed with anti-DDK mouse monoclonal antibody([TA180144], 1:1000).



Immunoprecipitation (IP) of DDK by using DDK Rabbit monoclonal antibody [TA592569]. Rabbit IgG control serves as the negative control. 293T cells were transfected with N-terminal DDK-tagged Trim29 overexpression plasmid. 1ml overexpression cell lysates were first precleared with agarose beads for 1h. Then precleared lysates were incubated with beads crosslinked with antibody for 2h. After extensive wash to remove any non-specific binding, the immunoprecipitated products were analyzed with anti-DDK mouse monoclonal antibody(TA50011, 1:1000).



Flow cytometric analysis of living 293T cells transfected with human CD37 plasmid ([RC210768]) (Red) using an anti-DDK antibody ([TA592569]), compared to an isotype control (green) and a PBS control (blue)(1:100).