

## Rabbit anti-Human DDDDK-Tag Monoclonal Antibody | anti-DDDDK antibody

Rabbit anti DDDDK-Tag Rabbit PolymAb

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                             |
|-----------|--------|------------|------------------------------------------|
| AAA283345 | Rabbit | Human      | ELISA, Immunoprecipitation, Western Blot |

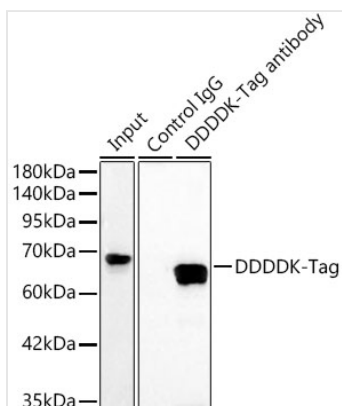
### PRODUCT SYNONYMS

DDDDK-Tag; Monoclonal Antibody; Rabbit anti DDDDK-Tag Rabbit PolymAb; DDDDK;DDDDK tag;DDDDK-tag; anti-DDDDK antibody

### PRODUCT SPECIFICATIONS

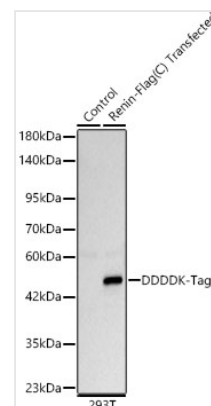
|                                                 |                                                            |
|-------------------------------------------------|------------------------------------------------------------|
| Host                                            | Rabbit                                                     |
| Reactivity                                      | Human                                                      |
| Clonality                                       | Monoclonal                                                 |
| Isotype                                         | IgG                                                        |
| Purity/Purification                             | Affinity purification                                      |
| Form/Format                                     | PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3. |
| Applicable Applications for anti-DDDDK antibody | ELISA, IP (Immunoprecipitation), WB (Western Blot)         |
| Cross Reactivity                                | Species independent                                        |
| Immunogen                                       | A synthetic peptide corresponding to DDDDK-Tag.            |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.           |

### IMAGES



#### IP (Immunoprecipitation)

Immunoprecipitation analysis of 300ug extracts of 293T-SERPINB1-Flag(N) cells using 3ug DDDDK-Tag antibody (AAA283345 1:100). Western blot was performed from the immunoprecipitate using DDDDK-Tag antibody (AE092) at a dilution of 1:5000.



#### WB (Western Blot)

Western blot analysis of lysates from wild type (WT) and 293T-Renin-Flag(C) cells transfected with DDDDK-Tag using DDDDK-Tag Rabbit PolymAb® (AAA283345) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020) Exposure time: 30s.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-DDDDK antibody | DYKDDDDK-tag, or DYKDDDDK octapeptide, or DYKDDDDK epitope, is a polypeptide protein tag that can be added to a protein using recombinant DNA technology, having the sequence motif DYKDDDDK. It has been used for studying proteins in living cells and for protein purification by affinity chromatography. It has been used to separate recombinant, overexpressed protein from wild-type protein expressed by the host organism. It can also be used in the isolation of protein complexes with multiple subunits, because its mild purification procedure tends not to disrupt such complexes. It has been used to obtain proteins of sufficient purity and quality to carry out 3D structure determination by x-ray crystallography.A DYKDDDDK-tag can be used in many different assays that require recognition by an antibody. If there is no antibody against a given protein, adding a DYKDDDDK-tag to a protein allows the protein to be studied with an antibody against the DYKDDDDK sequence. Examples are cellular localization studies by immunofluorescence or detection by SDS PAGE protein electrophoresis and Western blotting. |
| Product Categories/Family for anti-DDDDK antibody   | Tag Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                  |                    |
|------------------|--------------------|
| Molecular Weight | Observed MW: 47kDa |
|------------------|--------------------|

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ddddk-tag-antibody-immunoprecipitation-western-blot-elisa/283345>