

Mouse anti-All DYKDDDDK Tag Monoclonal Antibody

Mouse Anti-DYKDDDDK Tag monoclonal Antibody

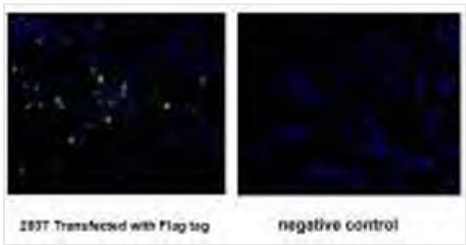
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA18845	Mouse	All	ELISA, Western Blot, Immunoprecipitation, Immunofluorescence

PRODUCT SYNONYMS

DYKDDDDK Tag; Monoclonal Antibody; Mouse Anti-DYKDDDDK Tag monoclonal Antibody; 3X DYKDDDDK; DDK tag; DYKDDDDK; anti-DYKDDDDK Tag antibody

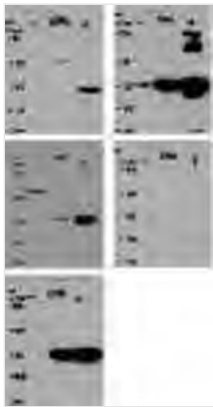
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	All
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	4G5C8
Purity/Purification	>95%, Protein G Purified
Form/Format	Liquid Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Applicable Applications for anti-DYKDDDDK Tag antibody	ELISA, WB (Western Blot), IP (Immunoprecipitation), IF (Immunofluorescence)
Application Notes	WB: 1:1,000-1:10,000 IF: 1:100-1:300 IP: 0.5ul-2ul
Immunogen	DYKDDDDK (DYKDDDDK) synthetic peptide conjugate to KLH
Conjugate	Non-conjugated
Product Type	Tag Control Antibody
Preparation and Storage	Upon receipt, aliquot and store at -20 degrees or -80 degrees. Avoid repeated freeze.



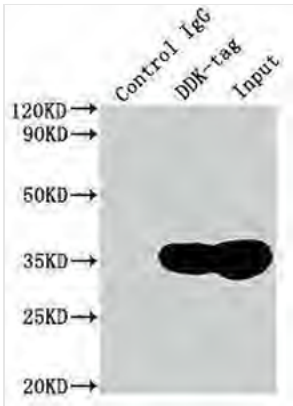
IF (Immunofluorescence)

Immunofluorescence staining of 293T cells transfected with DYKDDDDK tag by AAA18845 at 1:300, counter-stained with DAPI. The cells were fixed in 4% formaldehyde and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-mouse IgG(H+L). The image on the right is the 293T cells transfected without DYKDDDDK tag.



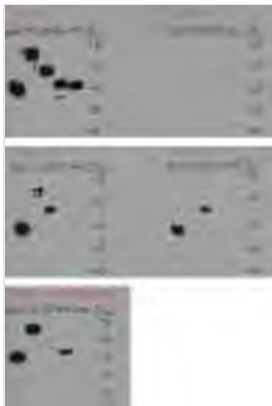
IP (Immunoprecipitation)

Immunoprecipitating DYKDDDDK Tag in 293F transfected whole cell lysateLane 1: Mouse control IgG instead of AAA18845 in DYKDDDDK Tag in 293F transfected whole cell lysate. For western blotting, a HRPconjugated Protein G antibody was used as the secondary antibody (1/2000)Lane 2: Company A (1ul), Company B (1ul), Company C (1ul), Company D (1ul), AAA18845 (1ul) + DYKDDDDK Tag in 293F transfected whole cell lysate (500ug)Lane 3: DYKDDDDK Tag in 293F transfected whole cell lysate (20ug)



IP (Immunoprecipitation)

Immunoprecipitating DYKDDDDK Tag in Transfected HEK-293 cell whole cell lysateLane 1: Mouse control IgG instead of AAA18845 in Transfected HEK-293 cell whole cell lysateLane 2: AAA18845 (1ul) + Transfected HEK-293 cell whole cell lysate (500ug)Lane 3: Transfected HEK-293 cell whole cell lysate (20?g)For western blotting, the blot was detected with AAA18845 at 1:5000, and a HRPconjugated Protein G antibody was used as the secondary antibody at 1:2000



WB (Western Blot)

Western BlotPositive WB detected in: 5 different recombinant proteins with DYKDDDDK TagAll lanes: Company A, Company B, Company C, Company D, AAA18845 antibody at 1:5000SecondaryGoat polyclonal to Mouse IgG at 1/50000 dilution



WB (Western Blot)

Western BlotPositive WB detected in: DYKDDDDK Tag fusion protein at 50ng, 25ng, 12.5ng, 6.25ng, 3.125ng, 1.5625ng, 0.78ng, 0.39ngAll lanes: Company A, Company B, Company C, Company D, AAA18845 antibody at 1:1000SecondaryGoat polyclonal to Mouse IgG at 1/50000 dilutionPredicted band size: 35 kDaObserved band size: 35 kDa



WB (Western Blot)

Western BlotPositive WB detected in: DYKDDDDK Tag fusion protein at 10ngAll lanes: Company A, Company B, Company C, Company D, AAA18845 antibody at 1:50000, 1:100000, 1:200000, 1:400000, 1:800000, 1:1600000, 1:3200000, 1:6400000SecondaryGoat polyclonal to Mouse IgG at 1/50000 dilutionPredicted band size: 35 kDaObserved band size: 35 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-DYKDDDDK Tag antibody	DYKDDDDK-tag, or DYKDDDDK octapeptide, is a polypeptide protein tag that can be added to a protein using recombinant DNA technology. It can be used for affinity chromatography, then 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. A DYKDDDDK-tag can be used in many different assays that require recognition by an antibody. If there is no antibody against the studied protein, adding a DYKDDDDK-tag to this protein allows one to follow the protein with an antibody against the DYKDDDDK tag sequence. Examples are cellular localization studies by immunofluorescence or detection by SDS PAGE protein electrophoresis.
Product Categories/Family for anti-DYKDDDDK Tag antibody	Tag/Control Antibody

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/dykdddk-tag-antibody-clone-4g5c8-western-blot-immunoprecipitation-immunofluorescence-elisa/18845>