

Anti-DYKDDDDK Tag (FLAG) Antibody

0912-1



Product Type: Rabbit polyclonal IgG, primary antibodies

Species reactivity: Species independent

Applications: WB, IP

Description: The DYKDDDDK peptide has been used extensively as a general epitope tag in expression vectors. Due to its small size, it is unlikely to affect the tagged protein's biochemical properties. This antibody recognizes the DYKDDDDK peptide fused to either the amino- or carboxy-terminus of targeted proteins.

Immunogen: Synthetic peptide immune sequence is CDYKDDDDK.

Positive control: DYKDDDDK Tag recombinant protein, N-terminal FLAG-tagged recombinant protein, C-terminal FLAG-tagged recombinant protein.

Recommended Dilutions:

WB 1:5,000

IP 1-2µg/sample

Storage Buffer: 1*PBS (pH7.4), 0.2% BSA, 25% Glycerol. Preservative: 0.05% Sodium Azide.

Storage Instruction: Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

Purity: Immunogen affinity purified.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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Images

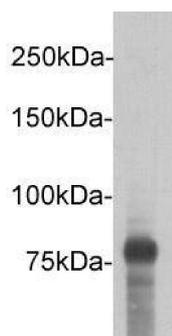


Fig1: Western blot analysis of DYKDDDDK Tag (FLAG) on DYKDDDDK Tag recombinant protein (80kDa). Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (0912-1, 1/5,000) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature.

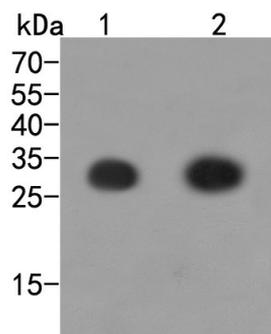


Fig2: Western blot analysis of DYKDDDDK Tag (FLAG) on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (0912-1, 1/2,000) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody (HA1001) at 1:5,000 dilution was used for 1 hour at room temperature.

Lane 1: N-terminal FLAG-tagged recombinant protein

Lane 2: C-terminal FLAG-tagged recombinant protein

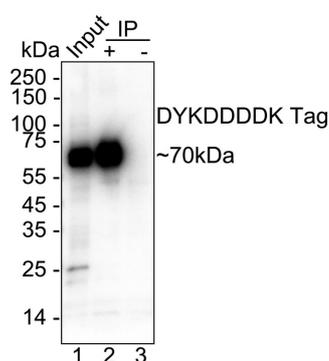


Fig3: DYKDDDDK Tag (FLAG) was immunoprecipitated from 0.2 mg L-929 transfected with FLAG-tagged CD5 cell lysate with 0912-1 at 2 μ g/10 μ l beads. Western blot was performed from the immunoprecipitate using 0912-1 at 1/1,000 dilution. HRP Conjugated Anti-Rabbit IgG for IP Nano-secondary antibody at 1/5,000 dilution was used for 1 hour at room temperature.

Lane 1: L-929 transfected with FLAG-tagged CD5 cell lysate (input)

Lane 2: 0912-1 IP in L-929 transfected with FLAG-tagged CD5 cell lysate

Lane 3: Rabbit IgG instead of 0912-1 in L-929 transfected with FLAG-tagged CD5 cell lysate

Blocking/Dilution buffer: 5% NFDN/TBST

Exposure time: 3 seconds; ECL: K1801

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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