

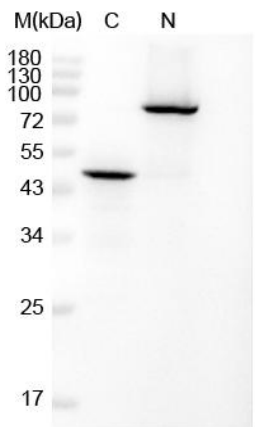
HRP-conjugated Anti-DYKDDDDK (Flag Tag) Monoclonal antibody

Cat. No.	Package	Storage
FI01204-100 μ L	100 μ L	- 20°C, one year
FI01204-500 μ L	500 μ L	- 20°C, one year
FI01204-1 mL	1 mL	- 20°C, one year

PROPERTIES

Host / Isotype	Mouse / IgG1
Conjugate	HRP
Purified By	Affinity chromatography
Concentration	1 mg/mL
Immunogen	DYKDDDDK (Flag) synthetic peptide
Specificity	Recognizes DYKDDDDK (Flag) Tag at N-terminus, C-terminus, or at internal regions of fusion proteins
Storage Buffer	PBS, pH 7.4, containing 0.02% sodium azide and 50% Glycerol
Storage	Store at -20°C. Avoid exposure to light
Species Reactivity	All
Applications	WB、ELISA
	WB: 1:5000 ~ 1:20000

SAMPLE APPLICATION

	<p>Western blot</p> <p>10 μg sample lysates expressed Flag-tagged proteins were subjected to SDS-PAGE followed by western blot with FI01204 (HRP-conjugated Anti-Flag Monoclonal antibody) at dilution of 1:5000 incubated at room temperature for 1 hours.</p> <p>Lane 1: DYKDDDDK (Flag) Tag at C-terminus of fusion proteins. Lane 2: DYKDDDDK (Flag) Tag at N-terminus of fusion proteins.</p>
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PROTOCOL

Western Blot

1. Prepare sample lysate, heat lysate in sample buffer at 95°C for 10min. (Note: Preparing sample lysate without heating or heating at 37°C is recommended for some membrane proteins.)
2. Carry out SDS-PAGE and transfer the protein to the membrane.
3. Block the membrane with 5% nonfat milk and 2% BSA in 1X TBST at room temperature for 1 hour.
4. Wash the membrane in 1X TBST twice for 5 minutes each.
5. Incubate the membrane with **FI01204 (HRP-conjugated Anti-Flag Monoclonal antibody)** titered at 1:5000 to 1:20000 in 1X TBST at room temperature for 1 hour.
6. Wash the membrane in 1X TBST three times for 5 minutes each.
7. Incubate the membrane with Chemiluminescent-HRP substrate according to the manufacturer's instructions.
8. Expose the membrane to autoradiography film or another detection system for the appropriate time period.