



Anti- Myc tag, Mouse Monoclonal Antibody

Catalog No.: PG-20011 **Quantity:** 100µg **Applications tested:** ELISA, Western blot, IP, IHC
Antigen Species: Myc tag **Reactivity:** Myc tag **Host Species:** Mouse
Isotype: IgG 1 **Clone No.:** 9D4 **Form:** Antigen affinity purified Antibody

Target description

Epitope tags are short peptide sequences that are easily recognized by tag-specific antibodies. Due to their small size, epitope tags do not affect the tagged protein's biochemical properties. Most often sequences encoding the epitope tag are included with target DNA at the time of cloning to produce fusion proteins containing the epitope tag sequence. The sequence of Myc tag is "EQKLISEEDL".

Antigen

This monoclonal antibody was raised by immunizing mouse with "EQKLISEEDL" conjugated to carrier protein.

Applications

Western Blot analysis (WB): 1,000 ~ 3,000 dilution
ELISA: 2,000 ~ 20,000 dilution
IP: 500 ~ 1,000 dilution
IHC: 500 ~ 1,000 dilution

Related Products

1. Anti- His-tag and X press-tag, Chicken pAb (PY-10265)
2. Anti-6X His tag, Mouse mAb (PG-20010).
3. Anti-6X His tag, Rabbit pAb (PG -10008).
4. Anti-HA tag, Rabbit pAb (PG -10010).

Western blot Protocol

1. Protein sample run SDS-PAGE.
2. Blotting with semi-dry electrophoretic transfer system.
3. After transferring, rinse the transfer membrane with ddWater and let it dry.
4. Blocking transfer membrane with 5% skim milk, 0.2% sodium azide in TBS, incubate at 37°C for at least 2 hrs or 4°C O/N.
5. Wash the membrane with 0.05% Tween 20 in TBS (TBST).
6. Add primary Ab sol. and incubate at 37°C for 1 hr. (Ab is diluted in 5% Goat serum/TBS)
7. Wash the membrane 3 times with TBST.
8. Add secondary Ab (Goat anti-mouse IgG 3000X diluted in 5% Goat serum/TBS) and incubate at 37°C for 1 hr.
9. Wash the membrane 3 times with TBST.
10. Wash the membrane with ddW.
11. Soak the membrane in BCIP/NBT substrate solution, after the color developed, wash with ddWater and let it dry.

Storage

It is supplied as antigen affinity purified monoclonal antibody in lyophilized powder. Redissolve the powder with 100 microliter sterile water will restore to the original concentration 1 mg/ml (1 × PBS). Store at 4°C for short-term application. For long-term storage, aliquot and store at -20°C.