

## Anti-HoxC6 Rabbit Monoclonal Antibody

**Catalog # ABO16670** 

## **Specification**

## Anti-HoxC6 Rabbit Monoclonal Antibody - Product Information

**Application** WB **Primary Accession** P09630 **Rabbit** Host Isotype Rabbit IgG

Reactivity Rat, Human, Mouse

Clonality Monoclonal **Format** Liquid

**Description** 

Anti-HoxC6 Rabbit Monoclonal Antibody . Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

## Anti-HoxC6 Rabbit Monoclonal Antibody - Additional Information

**Gene ID 3223** 

### **Other Names**

Homeobox protein Hox-C6, Homeobox protein CP25, Homeobox protein HHO.C8, Homeobox protein Hox-3C, HOXC6, HOX3C

## **Application Details**

WB 1:500-1:2000<br>ICC/IF 1:50-1:200

#### **Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

#### **Immunogen**

A synthesized peptide derived from human HoxC6

#### **Purification**

Affinity-chromatography

Store at -20°C for one year. For short term Storage

storage and frequent use, store at 4°C for

up to one month. Avoid repeated

freeze-thaw cycles.

## Anti-HoxC6 Rabbit Monoclonal Antibody - Protein Information

Name HOXC6

Synonyms HOX3C



### **Function**

Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis.

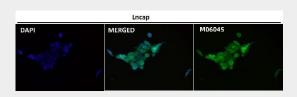
**Cellular Location** Nucleus.

# Anti-HoxC6 Rabbit Monoclonal Antibody - Protocols

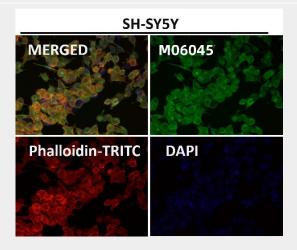
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

## Anti-HoxC6 Rabbit Monoclonal Antibody - Images

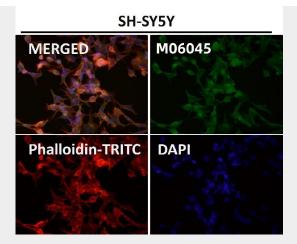


Immunofluorescent analysis using the Antibody at 1:50 dilution.

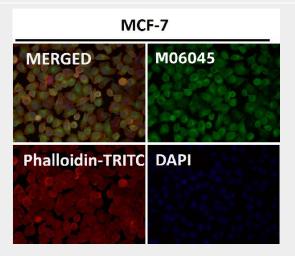


Immunofluorescent analysis using the Antibody at 1:50 dilution.

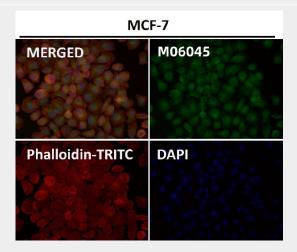




Immunofluorescent analysis using the Antibody at 1:150 dilution.

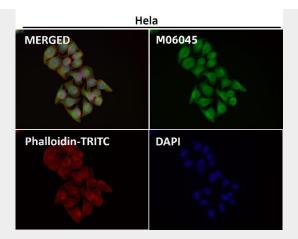


Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis using the Antibody at 1:150 dilution.





Immunofluorescent analysis using the Antibody at 1:50 dilution.

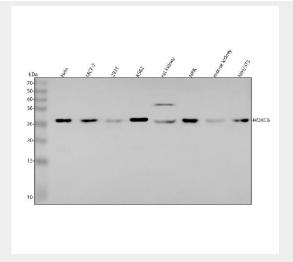


Figure 1. Western blot analysis of HoxC6 using anti-HoxC6 antibody (M06045). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions.

Lane 1: human Hela whole cell lysates,

Lane 2: human MCF-7 whole cell lysates,

Lane 3: human 293T whole cell lysates,

Lane 4: human K562 whole cell lysates,

Lane 5: rat kidney tissue lysates,

Lane 6: rat NRK whole cell lysates,

Lane 7: mouse kidney tissue lysates,

Lane 8: mouse NIH/3T3 whole cell lysates.

After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-HoxC6 antigen affinity purified monoclonal antibody (Catalog # M06045) at 1:500 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:500 for 1.5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with Tanon 5200 system. A specific band was detected for HoxC6 at approximately 26,27 kDa. The expected band size for HoxC6 is at 27 kDa.