

## Anti-STK38L Mouse Monoclonal Antibody [Clone ID: OTI4D8]

Catalog Number: M06774

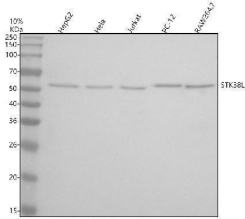
### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-STK38L Mouse Monoclonal Antibody [Clone ID: OTI4D8]   |
| Reactive Species     | Dog, Human, Monkey, Mouse, Rat   |
| Description          | Boster Bio STK38L mouse monoclonal antibody, clone OTI4D8 (formerly 4D8). Catalog# M06774. Tested in IF, IHC, WB. This antibody reacts with Human, Monkey, Mouse, Rat, Dog.  |
| Application          | IF, IHC, WB  |
| Clonality            | Monoclonal OTI4D8  |
| Formulation          | PBS (pH 7.3) containing 1% stabilizing protein, 50% glycerol and 0.02% sodium azide. This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required. |
| Storage Instructions | Store at -20°C as received.  |
| Host                 | Mouse  |
| Uniprot ID           | Q9Y2H1   |

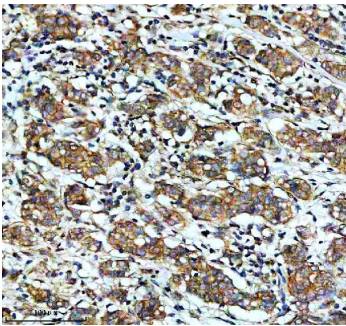
### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | Human recombinant protein fragment corresponding to amino acids 1-281 of human STK38L (NP_055815) produced in E.coli. |
| Isotype             | IgG1  |
| Concentration       | 1 mg/ml   |
| Purification        | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)             |
| Suggested Dilutions | WB: 1:200~2000<br>IHC: 1:150<br>IF: 1:100   |

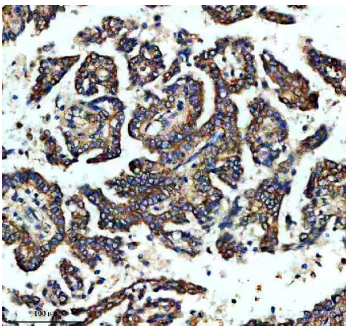
## Anti-STK38L Mouse Monoclonal Antibody [Clone ID: OTI4D8] (M06774) Images



Western blot analysis of STK38L using anti-STK38L antibody (M06774). Electrophoresis was performed on a 10% SDS-PAGE gel at 80V (Stacking gel) / 120V (Resolving gel) for 2 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: human HepG2 whole cell lysates, Lane 2: human Hela whole cell lysates, Lane 3: human Jurkat whole cell lysates, Lane 4: rat PC-12 whole cell lysates, Lane 5: mouse RAW264.7 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-STK38L antigen affinity purified monoclonal antibody (M06774) 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 1:5000 for 1.5 hour at RT. The signal is developed using an ECL Plus Western Blotting Substrate (Catalog # AR1196-200) with Tanon 5200 system. A specific band was detected for STK38L at approximately 54 kDa. The expected band size for STK38L is at 54 kDa.

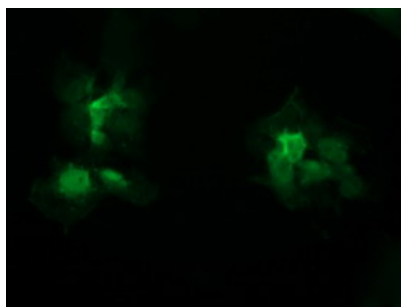


IHC analysis of STK38L using anti-STK38L antibody (M06774). STK38L was detected in a paraffin-embedded section of human breast cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:150 rabbit anti-STK38L Antibody (M06774) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.



IHC analysis of STK38L using anti-STK38L antibody (M06774). STK38L was detected in a paraffin-embedded section of human lung cancer tissue. Heat mediated antigen retrieval was performed in EDTA buffer (pH 8.0, epitope retrieval solution). The tissue section was blocked with 10% goat serum. The tissue section was then incubated with 1:150 rabbit anti-STK38L Antibody (M06774) overnight at 4°C. Peroxidase Conjugated Goat Anti-rabbit IgG was used as secondary antibody and incubated for 30 minutes at 37°C. The tissue section was developed using HRP Conjugated Rabbit IgG Super Vision Assay Kit (Catalog # SV0002) with DAB as the chromogen.

Anti-STK38L mouse monoclonal antibody (M06774) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY STK38L.



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