

## Anti-CDK8 Rabbit Monoclonal Antibody

Catalog Number: M01493

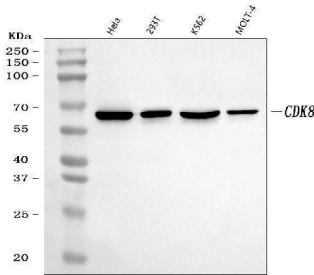
### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-CDK8 Rabbit Monoclonal Antibody   |
| Reactive Species     | Human, Mouse, Rat  |
| Description          | Boster Bio Anti-CDK8 Rabbit Monoclonal Antibody catalog # M01493. Tested in WB, ICC/IF, IP applications. This antibody reacts with Human, Mouse, Rat.  |
| Application          | IP, IF, ICC, WB  |
| Clonality            | Monoclonal GHF-3   |
| Formulation          | Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.<br>*This antibody is supplied in a stabilized formulation.<br>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 for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.   |
| Host                 | Rabbit   |
| Uniprot ID           | P49336   |

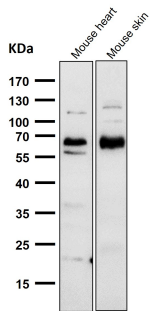
### Technical Details

|                     |   |
|---------------------|---|
| Immunogen           | A synthesized peptide derived from human CDK8 |
| Isotype             | Rabbit IgG                                    |
| Form                | Liquid  |
| Concentration       | 0.5mg/ml                                      |
| Purification        | Affinity-chromatography                       |
| Suggested Dilutions | WB 1:500-2000<br>IP 1:50                      |

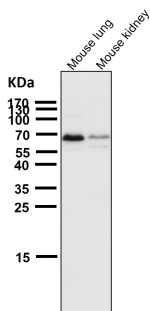
## Anti-CDK8 Rabbit Monoclonal Antibody (M01493) Images



Western blot analysis of CDK8 using anti-CDK8 antibody (M01493). 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 293T whole cell lysates, Lane 3: human K562 whole cell lysates, Lane 4: human MOLT-4 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 mouse anti-CDK8 antigen affinity purified monoclonal antibody (Catalog # M01493) 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-mouse IgG-HRP secondary antibody at a dilution of 1:10000 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 CDK8 at approximately 60 kDa. The expected band size for CDK8 is at 53 kDa.

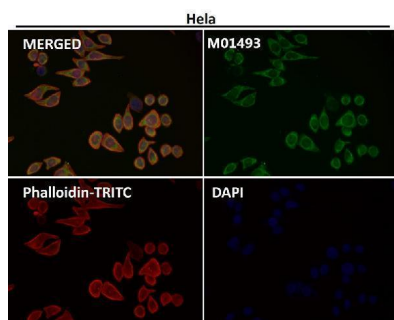


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

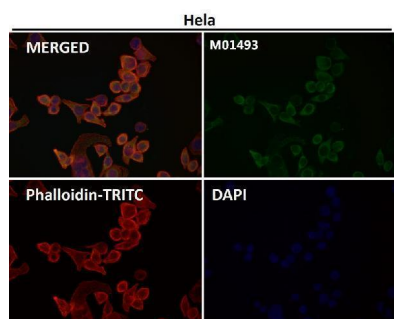


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

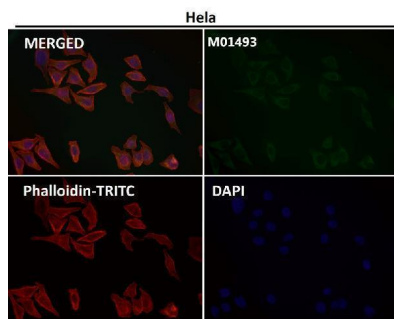
Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis using the Antibody at 1:150 dilution.



Immunofluorescent analysis using the Antibody at 1:500 dilution.



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