

## Anti-eIF2A Rabbit Monoclonal Antibody

Catalog Number: M02418

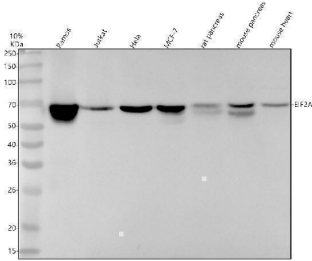
### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-eIF2A Rabbit Monoclonal Antibody  |
| Reactive Species     | Human, Mouse, Rat  |
| Description          | Boster Bio Anti-eIF2A Rabbit Monoclonal Antibody catalog # M02418. Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.  |
| Application          | IF, IHC, ICC, WB   |
| Clonality            | Monoclonal 18E24   |
| 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           | Q9BY44   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | A synthesized peptide derived from human eIF2A   |
| Isotype             | IgG  |
| Form                | Liquid   |
| Concentration       | 0.5mg/ml   |
| Purification        | Affinity-chromatography                          |
| Suggested Dilutions | WB 1:500-2000<br>IHC 1:50-200<br>ICC/IF 1:50-200 |

## Anti-eIF2A Rabbit Monoclonal Antibody (M02418) Images



Western blot analysis of EIF2A using anti-EIF2A antibody (M02418). 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 Ramos whole cell lysates, Lane 2: human Jurkat whole cell lysates, Lane 3: human HeLa whole cell lysates, Lane 4: human MCF-7 whole cell lysates, Lane 5: rat pancreas tissue lysates, Lane 6: mouse pancreas tissue lysates, Lane 7: mouse heart tissue 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-EIF2A antigen affinity purified monoclonal antibody (M02418) 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 EIF2A at approximately 65 kDa. The expected band size for EIF2A is at 65 kDa.

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