

# **Anti-FoxO3a Rabbit Monoclonal Antibody**

Catalog Number: M00252

#### **About FOXO3**

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

#### Overview

| Product Name         | Anti-FoxO3a Rabbit Monoclonal Antibody  |
|----------------------|---|
| Reactive Species     | Human, Mouse, Rat   |
| Description          | Boster Bio Anti-FoxO3a Rabbit Monoclonal Antibody catalog # M00252. Tested in WB, ICC/IF applications. This antibody reacts with Human, Mouse, Rat. |
| Application          | IF, ICC, WB   |
| Clonality            | Monoclonal HFD-6  |
| Formulation          | Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.                                 |
| 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           | O43524  |

#### **Technical Details**

| Immunogen           | A synthesized peptide derived from human FoxO3a  |
|---------------------|--|
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.   |
| Purification        | Affinity-chromatography  |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this kit.  If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.  Some PubMed article(s) citing the expression level of this target are as follows:  Boster Bio's internal QC testing used: |



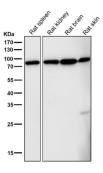
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888-466-3604 | support@bosterbio.com | www.bosterbio.com

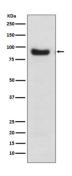
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|-------------------|
| ICC/IF 1:50-1:200 |



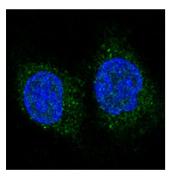
### Anti-FoxO3a Rabbit Monoclonal Antibody (M00252) Images



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



Western blot analysis of FOXO3A expression in MCF-7 cell lysate.



Immunofluorescent analysis of Hela cells, using FoxO3a Antibody.

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