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# Anti-ALDH3A1 Mouse Monoclonal Antibody [Clone ID: OTI1B6]

Catalog Number: M01121

#### **Overview**

| Product Name         | Anti-ALDH3A1 Mouse Monoclonal Antibody [Clone ID: OTI1B6]                                                                                                       |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactive Species     | Human                                                                                                                                                           |
| Description          | Boster Bio Anti-ALDH3A1 mouse monoclonal antibody, clone OTI1B6 (formerly 1B6). Catalog#<br>M01121. Tested in FC, IF, IHC, WB. This antibody reacts with Human. |
| Application          | Flow Cytometry, IF, IHC, WB                                                                                                                                     |
| Clonality            | Monoclonal OTI1B6                                                                                                                                               |
| Formulation          | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.                                                                                            |
| Storage Instructions | Store at -20°C as received.                                                                                                                                     |
| Host                 | Mouse                                                                                                                                                           |
| Uniprot ID           | P30838                                                                                                                                                          |

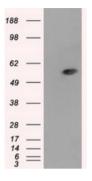
# **Technical Details**

| Immunogen           | Full length human recombinant protein of human ALDH3A1 (NP_000682) produced in HEK293T cell.                                                                                                                                                                                                                                                         |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Isotype             | IgG2a                                                                                                                                                                                                                                                                                                                                                |
| Concentration       | 0.93 mg/ml                                                                                                                                                                                                                                                                                                                                           |
| Purification        | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)                                                                                                                                                                                                                                            |
| Suggested Dilutions | Dilute the sample so that the expected range of concentrations fall within the detection range of this<br>kit.<br>If the expected range of concentration is unknown, a pilot test should be conducted to decide the<br>optimal dilution ratio for your samples.<br>Some PubMed article(s) citing the expression level of this target are as follows: |

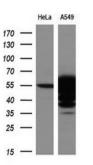


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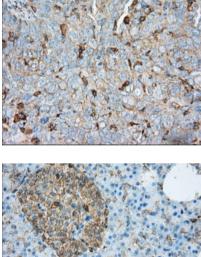
# Anti-ALDH3A1 Mouse Monoclonal Antibody [Clone ID: OTI1B6] (M01121) Images



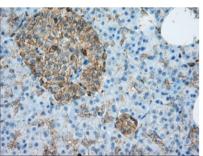
HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY ALDH3A1 (Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ALDH3A1.



Western blot analysis of extracts (10ug) from 2 different cell lines by using anti-ALDH3A1 monoclonal antibody at 1:200 dilution.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of ovary tissue using anti-ALDH3A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



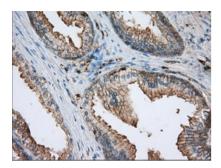
Immunohistochemical staining of paraffin-embedded pancreas tissue within the normal limits using anti-ALDH3A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer

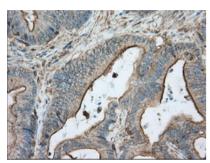
Immunohistochemical staining of paraffin-embedded prostate tissue within the normal limits using anti-ALDH3A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



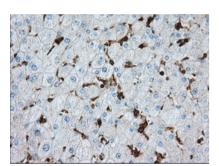
#### BOSTER BIOLOGICAL TECHNOLOGY 3942 B Valley Ave, Pleasanton, CA 94566

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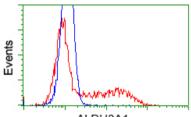




Immunohistochemical staining of paraffin-embedded Adenocarcinoma of colon tissue using anti-ALDH3A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer

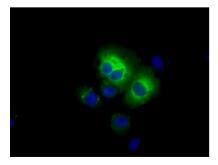


Immunohistochemical staining of paraffin-embedded liver tissue within the normal limits using anti-ALDH3A1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer



ALDH3A1

HEK293T cells transfected with either pCMV6-ENTRY ALDH3A1 (Red) or empty vector control plasmid (Blue) were immunostained with anti-ALDH3A1 mouse monoclonal (M01121)



Anti-ALDH3A1 mouse monoclonal antibody (M01121) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ALDH3A1.

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