

# Product Datasheet

## Fumarase Antibody (7612) - Azide and BSA Free NBP2-43578

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NBP2-43578**

Fumarase Antibody (7612) - Azide and BSA Free

**Product Information**

|                                |  |
|--------------------------------|--|
| <b>Unit Size</b>               | 0.1 ml   |
| <b>Concentration</b>           | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>                 | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.   |
| <b>Clonality</b>               | Monoclonal   |
| <b>Clone</b>                   | 7612   |
| <b>Preservative</b>            | No Preservative  |
| <b>Isotype</b>                 | IgG3   |
| <b>Purity</b>                  | Protein G purified   |
| <b>Buffer</b>                  | PBS  |
| <b>Target Molecular Weight</b> | 55 kDa   |

**Product Description**

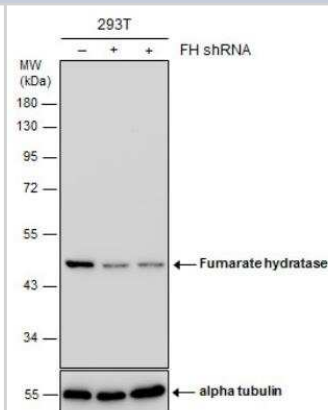
|                         |   |
|-------------------------|---|
| <b>Description</b>      | Novus Biologicals Mouse Fumarase Antibody (7612) - Azide and BSA Free (NBP2-43578) is a monoclonal antibody validated for use in WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| <b>Host</b>             | Mouse   |
| <b>Gene ID</b>          | 2271  |
| <b>Gene Symbol</b>      | FH  |
| <b>Species</b>          | Human, Mouse, Rat   |
| <b>Reactivity Notes</b> | Chimpanzee (99%).   |
| <b>Immunogen</b>        | Recombinant protein encompassing a sequence within the center region of human Fumarase. The exact sequence is proprietary.  |

**Product Application Details**

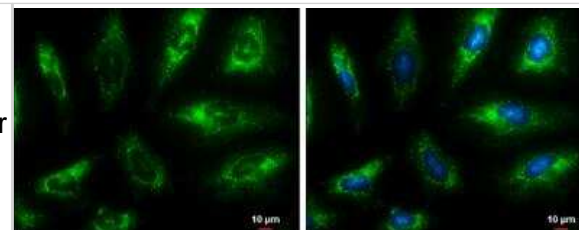
|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, Immunocytochemistry/ Immunofluorescence                           |
| <b>Recommended Dilutions</b> | Western Blot 1:500-1:3000, Immunocytochemistry/ Immunofluorescence 1:100-1:1000 |

**Images**

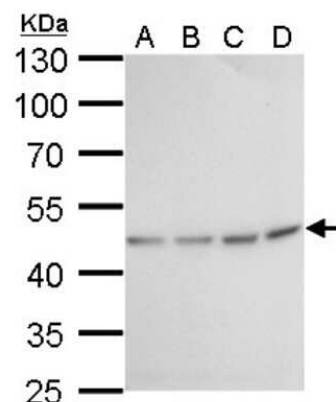
Western Blot: Fumarase Antibody (7612) [NBP2-43578] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 10% SDS-PAGE, and the membrane was blotted with Fumarate hydratase antibody [7612].



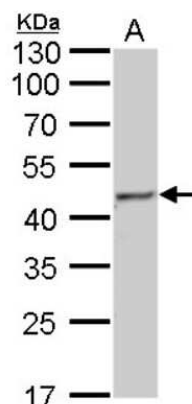
Immunocytochemistry/Immunofluorescence: Fumarase Antibody (7612) [NBP2-43578] - HeLa cells were fixed in ice-cold MeOH for 5 min. Green: Fumarate hydratase protein stained by Fumarate hydratase antibody [7612] diluted at 1:200. Blue: Hoechst 33342 staining. Scale bar = 10  $\mu$ m.



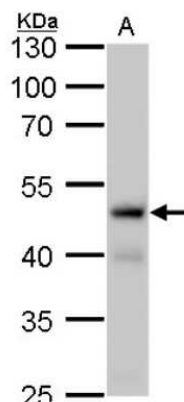
Western Blot: Fumarase Antibody (7612) [NBP2-43578] - Analysis of A. 30  $\mu$ g 293T B. 30  $\mu$ g A431 C. 30  $\mu$ g HeLa D. 30  $\mu$ g HepG2 10 % SDS-PAGE Fumarate hydratase antibody [7612] dilution: 1:500.



Western Blot: Fumarase Antibody (7612) [NBP2-43578] - Analysis of A. 50  $\mu$ g mouse liver lysate/extract 10 % SDS-PAGE Fumarate hydratase antibody [7612] dilution: 1:1000



Western Blot: Fumarase Antibody (7612) [NBP2-43578] - Analysis of A. 50  $\mu$ g rat liver lysate/extract 10 % SDS-PAGE Fumarate hydratase antibody [7612] dilution: 1:1000





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### **Products Related to NBP2-43578**

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|            |   |
|------------|---|
| HAF007     | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B    | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96777 | Mouse IgG3 Isotype Control (MG3)                        |
| NBC1-18871 | Recombinant Human Fumarase Protein                      |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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