

## Mouse Macrophage & Histiocytoma Marker Monoclonal Antibody

Macrophage & Histiocytoma Marker Mouse Monoclonal Antibody

|                              |                      |                                                                   |                                             |
|------------------------------|----------------------|-------------------------------------------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA62737</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human.Does not react with Mouse, Rat and Pig</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|------------------------------|----------------------|-------------------------------------------------------------------|---------------------------------------------|

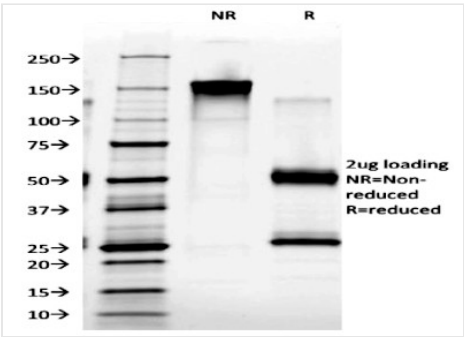
### PRODUCT SYNONYMS

Macrophage & Histiocytoma Marker; Monoclonal Antibody; Macrophage & Histiocytoma Marker Mouse Monoclonal Antibody; anti-Macrophage & Histiocytoma Marker antibody

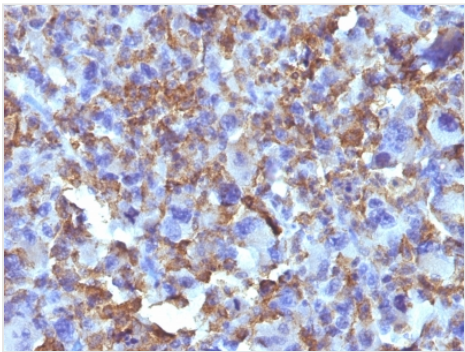
### PRODUCT SPECIFICATIONS

|                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                                       | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reactivity                                                                 | Human.<br>Does not react with Mouse, Rat and Pig                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Clonality                                                                  | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Isotype                                                                    | IgG1, kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Clone Number                                                               | D11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity                                                                | In Western blotting, it detects an antigen of 125kDa in human liver and 135kDa in tumors of histiocytic origin. Comparative study of this MAb and a standard CD68 MAb showed that their antigens are different. Its antigen in all macrophage types studied is located on the plasma membrane and within cytoplasmic structures including lysosomes. This MAb shows a restricted reactivity to cells of the monocyte/macrophage system. It specifically reacts with blood monocytes and stains resident macrophages in a wide variety of human tissues. This MAb does not stain antigen-presenting cells, e.g., Langerhans cells. Reportedly, its reactivity is restricted to histiocytes and macrophages. |
| Form/Format                                                                | 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% azide.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-Macrophage & Histiocytoma Marker antibody | IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Cellular Localization                                                      | Cell Surface & Cytoplasmic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen                                                                  | Membrane preparation from human hepatocytes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Positive Control                                                           | Liver or Histiocytoma                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Preparation and Storage                                                    | Antibody with azide - store at 2 to 8°C. Non-hazardous. No MSDS required.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

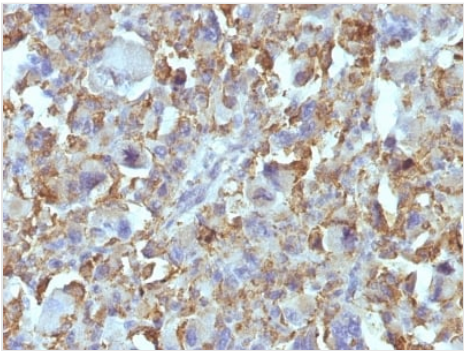
IMAGES



**SDS-PAGE**  
SDS-PAGE Analysis Purified Macrophage Antibody (D11). Confirmation of Purity and Integrity of Antibody.



**IHC (Immunohistochemistry)**  
Formalin-fixed, paraffin-embedded human Histiocytoma stained with Macrophage Monoclonal Antibody (D11).



**IHC (Immunohistochemistry)**  
Formalin-fixed, paraffin-embedded human Histiocytoma stained with Macrophage Monoclonal Antibody (D11).

ADDITIONAL INFORMATION

|            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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| References | Rudinskaya TD, Poltoranina VS, Baranov VN, Petrovichev NN, Voytenkov BO, Tretyakov LO. D11, a novel monoclonal antibody specific for human mature macrophages and peripheral blood monocytes. Immunol Lett. 1992 Jun;33(1):1-7. Frenkel MA, Tupitsyn NN, Rudinskaia TD, Poltoranina VS, Lebedeva NB, Volkova MA, Kaletin GI. [Use of a new antimacrophage monoclonal antibody D11 in diagnosis of hemoblastosis]. [Article in Russian] Gematol Transfuziol. 1995 Jul-Aug;40(4):13-6. Tupitsyn NN, et al. Reactivity of anti-macrophage monoclonal antibody D11 in human leukemia and malignant lymphoma. Int J Cancer. 1996;68(2):160-3. Petrovichev NN, et al. Antimacrophage monoclonal antibody D11 in the diagnosis of tumors of histiocytic origin. Acta Cytol. 1997;41(2):357-63. |
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NCBI AND UNIPROT INFORMATION

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| Molecular Weight | 125kDa -135kDa |
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**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/macrophage-histiocytoma-marker-antibody-clone-d11-immunohistochemistry-elisa/62737>