

Macrophage & Histiocytoma Marker Antibody

Mouse Monoclonal Antibody [Clone D11]

| Catalog No | Format | Size |
|----------------|---|--------|
| MSM2-348-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| MSM2-348-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| MSM2-348-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

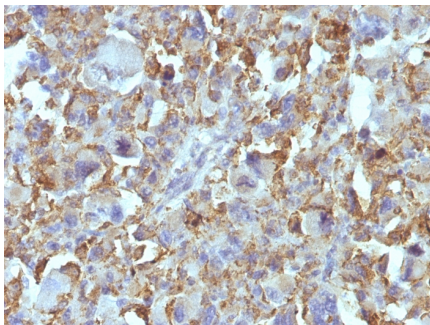
| Applications | Tested Dillution | Note |
|----------------------------|------------------|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |

Product Details

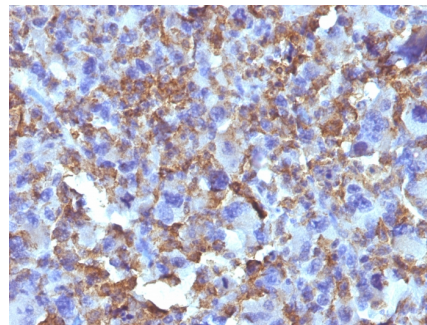
| | |
|------------------------|---|
| Clone | D11 |
| Immunogen | Membrane preparation from human hepatocytes |
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype / Light Chain | IgG1 / Kappa |
| Mol. Weight of Antigen | 125kDa -135kDa |
| Cellular Localization | N/A |
| Species Reactivity | Human |
| Positive Control | Liver or histiocytoma. |

**Optimal dilution for a specific application should be determined.*

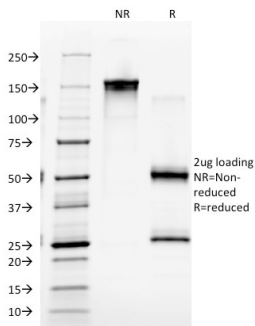
Product Images for Macrophage & Histiocytoma Marker Antibody



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



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



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

Specificity & Comments

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.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

Supplied As

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% azide. Also available WITHOUT azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.