

Datasheet for ABIN6941389

anti-Macrophage / Histiocytoma Marker antibody



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3 Images

Overview

Quantity:	100 µg
Target:	Macrophage / Histiocytoma Marker
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Macrophage / Histiocytoma Marker antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Membrane preparation from human hepatocytes
Clone:	D11
Isotype:	IgG1 kappa
Specificity:	In Western blotting, it detects an antigen of 125 kDa in human liver and 135 kDa 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.
No Cross-Reactivity:	Mouse (Murine), Pig (Porcine), Rat (Rattus)

Product Details

Purification: Purified by Protein A/G

Target Details

Target: Macrophage / Histiocytoma Marker

Alternative Name: Macrophage & Histiocytoma Marker ([Macrophage / Histiocytoma Marker Products](#))

Molecular Weight: 125kDa -135kDa

Application Details

Application Notes: Positive Control: Liver or Histiocytoma.
Known Application: Immunohistochemistry (Formalin-fixed) (0.5-1 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % azide.

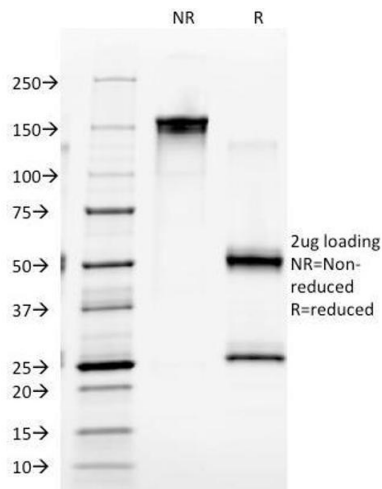
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

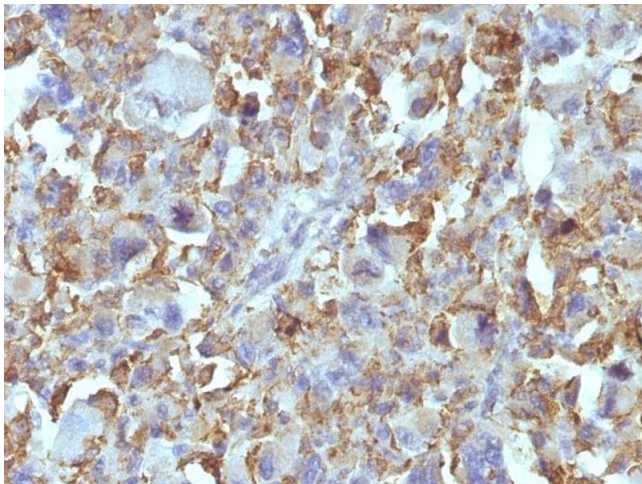
Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



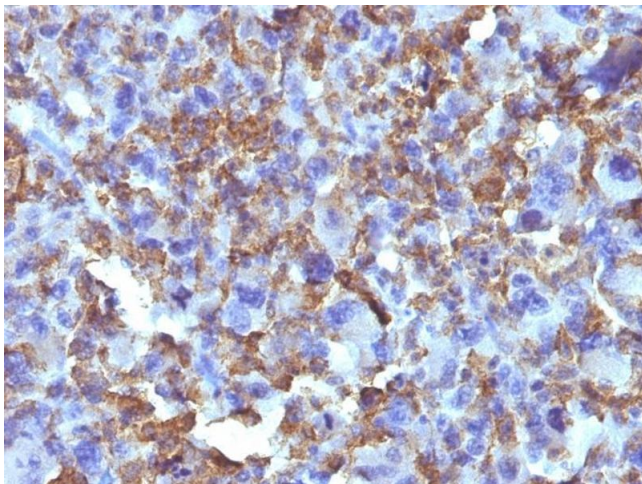
SDS-PAGE

Image 1. SDS-PAGE Analysis Purified Macrophage Monoclonal Antibody (D11). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Histiocytoma stained with Macrophage Monoclonal Antibody (D11).



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Histiocytoma stained with Macrophage Monoclonal Antibody (D11).