Product datasheet

anti-Macrophage Marker mouse monoclonal, D11, purified

Short overview

Cat. No.	691624
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	D11
Immunogen	Membrane preparation from human hepatocytes
Formulation	PBS with 0.02% sodium azide
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	FACS, ICC/IF, IHC, WB
Reactivity	Human
No reactivity	Mouse, Pig, Rat

Applications

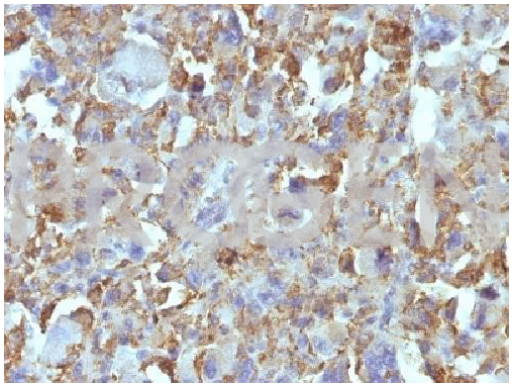
Flow Cytometry (FACS)	1-2 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - frozen	1:25-1:50 (2-4 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:25-1:50 (2-4 µg/ml; microwave treatment in 10 mM citrate buffer pH 6.0 recommended)
Western Blot (WB)	1:50-1:100 (1-2 µg/ml)

Background

D11 reacts specifically with human monocytes and macrophages, in all sorts of tissues. The 125/135 kDa antigen is present on the cell membrane as well as within cytoplasmic structures including lysosomes, and is different from CD68. Among tumors, histiocytomas and histiocytic lymphomas are positive. In ALL, positive reaction with D11 indicates B-lineage derivation. AML are negative.

Positive control: liver or histiocytoma.

Product images



Human histiocytoma