

Product datasheet

anti-CD15/FUTU4/Lex mouse monoclonal, Bra4F1, purified

Short overview

Cat. No.	691538
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgM kappa
Clone	Bra4F1
Immunogen	k562 (erythroid-myeloid leukemia cell line)
Formulation	PBS with 0.02% sodium azide
UniprotID	P22083 (Human)
Synonym	Alpha-(1,3-fucosyltransferase 4, EC 2.4.1.-, ELAM-1 ligand fucosyltransferase, Fucosyltransferase 4, Fucosyltransferase IV, Fuc-TIV, FucT-IV, Galactoside 3-L-fucosyltransferase, FUT4, ELFT, FCT3A
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	ELISA, FACS, ICC/IF, IHC
Reactivity	Human

Applications

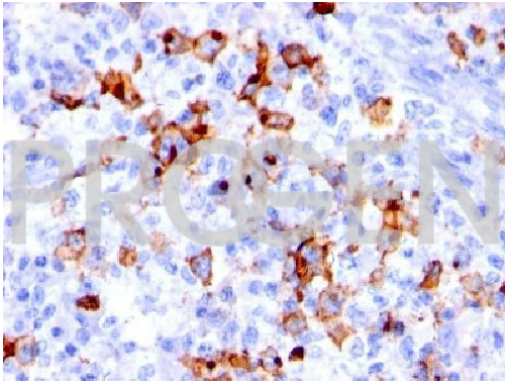
ELISA	Assay dependent
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)
Immunohistochemistry (IHC) - paraffin	1:50-1:100 (1-2 µg/ml; microwave treatment in 10 mM Tris with 1 mM EDTA pH 9.0 recommended)

Background

Bra4F1 reacts with CD15 (220 kDa). CD15 is present on >95% of granulocytes including neutrophils and eosinophils and to a lesser degree on monocytes. CD15 is further expressed in Reed-Sternberg cells in classic Hodgkin's disease. CD15 is occasionally expressed in large cell lymphomas of both B and T phenotypes. It is also expressed on a wide variety of other tumor cells including myeloid leukemia, breast, colorectal, and lung cancer cells. Bra4F1 was clustered at the IVth International Workshop on Leucocyte Differentiation Antigens.

Positive control: U937 cells, Reed-Sternberg's cells in Hodgkin's lymphoma.

Product images



Hodgkin's lymphoma