

LeY recombinant antibody

Anti-LeY [H18A]

CATALOG # AAA14186	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA, Immunohistochemistry
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PRODUCT SYNONYMS

LeY; Monoclonal Recombinant Antibody; Anti-LeY [H18A]; Lewis Y; LeY recombinant antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1, Kappa
Clone Number	H18A
Purity/Purification	Protein A affinity purified
Form/Format	PBS with 0.02% Proclin 300.
Concentration	1 mg/ml (varies by lot)
Applicable Applications for LeY recombinant antibody	ELISA, IHC (Immunohistochemistry)
Application Notes	The antibody binds specifically to LeY tetrasaccharide, a carbohydrate antigen expressed at the cell surface of selective carcinomas, including those of the colon, breast, ovary and lung. The monoclonal antibody may be of clinical use for the in vivo therapy of certain cancers.
Immunogen	Lewis Y.
Additional Note	Describes the generation and sequence analysis of the monoclonal antibody H18A, directed against Lewis Y. A chimeric version of the antibody is also produced.
Preparation and Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C

ADDITIONAL INFORMATION

Product Categories/Family for LeY recombinant antibody	Cancer; Oncology
References	Kaneko T, Iba Y, Zenita K, Shigeta K, Nakano K, Ito W, Kurosawa Y, Kannagi R, Yasukawa K. Preparation of mouse-human chimeric antibody to an embryonic carbohydrate antigen, Lewis Y. J Biochem. 1993 Jan; 113(1):114-7. PMID:8095932

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.