

MAB789Hu21

Monoclonal Antibody to Sialic Acid Binding Ig Like Lectin 7 (SIGLEC7)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PRODUCT INFORMATION]

Immunogen: SIGLEC7, Human

Clonality: Monoclonal

Clone number: F7

Host: Mouse

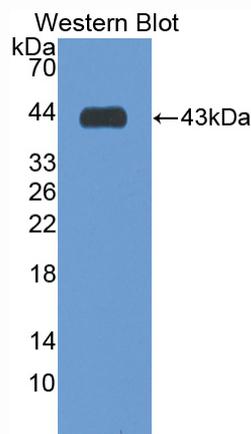
Immunoglobulin Type: IgG

Purification: Affinity Chromatography.

Applications: WB, ICC, IHC-P, IHC-F, ELISA

Concentration: 500µg/mL

UOM: 200µg



Sample: Recombinant SIGLEC7, Human

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant SIGLEC7 (Gly18~Ieu353) expressed in *E. coli*.

Accession No.: RPB789Hu01

Sequence: The target protein is fused with two N-terminal Tags, His-tag and S-tag and its sequence is listed below.

MHHHHHSSG LVPRGSGMKE TAAKFERQH MDSPDLGTDD DDKAMADIGS- GQK
SNRKDYSLTM QSSVTVQEGM CVHVRCSFSY PVDSQTDSDP VHGYWFRAGN
DISWKAPVAT NNPAAVQEE TRDRFHLLGD PQTKNCTLSI RDARMSDAGR YFFRMEKGN
KWNKYDQLS VNVLTALTRP NILIPGTLES GCFQNLTCV PWACEQGTTP MISWMGTSVS

PLHPSTTRSS VLTLIPQPQH HGTSLTCQVT LPGAGVTTNR TIQLNVSYPQ QNLTVTVFQG
EGTASTALGN SSSLSVLEGG SLRLVCAVDS NPPARLSWTW RSLTYPSQP SNPLVLELQV
HLGDEGEFTC RAQNSLGSQH VSLNLSLQQE YTGKMRPVSG VLL

[ANTIBODY SPECIFICITY]

The antibody is a mouse monoclonal antibody raised against SIGLEC7. It has been selected for its ability to recognize SIGLEC7 in immunohistochemical staining and western blotting.

[APPLICATIONS]

Western blotting: 1:100-400

Immunocytochemistry in formalin fixed cells: 1:100-500

Immunohistochemistry in formalin fixed frozen section: 1:100-500

Immunohistochemistry in paraffin section: 1:50-200

Enzyme-linked Immunosorbent Assay: 1:100-200

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH7.4, containing 0.02% NaN₃, 50% glycerol.

[STORAGE]

Store at 4°C for frequent use. Stored at -20°C to -80°C in a manual defrost freezer for one year without detectable loss of activity. Avoid repeated freeze-thaw cycles.