

A90801Hu22
Monoclonal Antibody to Alkaline Sphingomyelinase (Alk-Smase)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES

4th Edition (Revised in September, 2012)

[PRODUCT INFORMATION]

Immunogen: Alk-Smase

Clonality: Monoclonal

Host: Mouse

Species Reactivity: Human

Ig type: Mouse IgG

Purification: Antibodies are purified by target protein affinity chromatography.

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

Form: Liquid

Size: 100µg

[IMMUNOGEN INFORMATION]

Immunogen: Recombinant human Alk-Smase (His234~Ala458) expressed in *E.coli*.

Molecular Weight: 26.5 kDa

USCN accession No.: P90801Hu01

Sequence: The target protein is fused with a His-tag and its sequence is listed below.

MGHHHHHSGS-HLTDRLN LIITSDHGMT TVDKRAGDLV EFHKFPNFTF RDIEFELLDY GPNGMLLPKE GRLEKVYDAL
KDAHPKLHVY KKEAFPEAFH YANNPRVTPL LMYSDLGYVI HGRINVQFNN GEHGFDNKDM DMKTIFRAVG PSFRAGLEVE
PFESVHVYEL MCRLLGIVPE ANDGHLATLL PMLHTESALP PDGRPTLLPK GRSALPPSSR PLLVMGLLGT VILLSEVA



[ANTIBODY SPECIFICITY]

Anti Alk-Smase is a mouse monoclonal antibody raised against human Alk-Smase. This antibody has been selected for its ability to recognize human Alk-Smase in immunohistochemical staining and western blotting, non cross-reactive with other members of the family.

[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

Optimal working dilutions must be determined by end user.

[CONTENTS]

Form & Buffer: Supplied as solution form in PBS, pH 7.4, containing 0.02%Na₃N, 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.

