

ALG-2 Interacting Protein-X (ALIX) Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 90001 (clone 8E8)

Format: 100ug, Protein A-purified, lyophilized, 0.1M Tris, 0.1M glycine, 2% sucrose.

BACKGROUND

ALG-2-interacting protein-X (ALIX), also known as AIP1, is a cytoplasmic protein ubiquitously expressed and concentrated in phagosomes and exosomes. ALIX may regulate apoptosis since it binds apoptosis-linked gene 2 (ALG-2), a Ca²⁺-binding protein necessary for cell death. Inhibiting ALG-2 expression protects cells from death induced by several stimuli, an effect similar to that seen with overexpression of the C-terminal half of ALIX which contains the ALG-2-interacting domain.

SPECIFICATION SUMMARY

Antigen: Recombinant human ALIX protein.

Host species: Mouse.

Antibody Class: IgG1.

Preservative: None.

SPECIFICITY

This antibody recognizes human ALIX protein.

APPLICATIONS

Immunoblotting: use at 1-5ug/ml. A band of ~96kDa is detected.

Immunohistochemistry: use at 5-10ug/ml.

These are recommended concentrations. Enduser should determine optimal concentrations for their applications.

RECONSTITUTION

Reconstitute in distilled water.

STORAGE AND STABILITY

This product is stable for at least one (1) year at -20°C to -70°C. Reconstituted product should be stored in appropriate aliquots to avoid repeated freeze-thaw cycles.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.