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S-tag Monoclonal Antibody

catalog number: E-AB-48020

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Reactivity All

Immunogen Synthetic peptide corresponding to S tag conjugated to keyhole limpet haemocyanin

Host Mouse Isotype IgG2a
Clone 2A4

Purification Protein A/G Purification

Buffer PBS with 0.05% Proclin300, 1% protective protein and 50% glycerol, pH7.4

Applications Recommended Dilution

WB 1:2000-1:4000

Data



Western blotting with anti-S-Tag monoclonal antibody at dilution of 1:1000.Lane 1: S tag transfected HEK 293 cell lysates, lane 2: HEK 293 whole cell lysate

Observed-MW:40 kDa

Calculated-MW:40 kDa

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.

Shipping The product is shipped with ice pack, upon receipt, store it immediately at the

temperature recommended.

Background

S tag is an epitope tag composed of a 15 residue peptide, KETAAAKFERQHMDS, derived from the pancreatic ribonuclease A. This interactive complex (S - tag/S - protein) results in micromolar affinity – dependent upon pH, temperature, and ionic strength . The S - tag itself enables colorimetric detection via western blot analysis or a rapidly detected assay dependent upon ribonucleolytic reconstitution and activity.

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