S-tag Monoclonal Antibody

catalog number: **E-AB-48020**

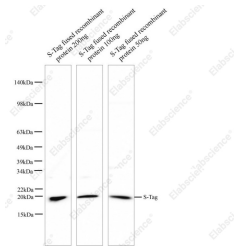
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	All
Immunogen	Synthetic peptide corresponding to S tag conjugated to keyhole limpet haemocyanin.
Host	Mouse
Isotype	Mouse 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 blot with Anti S-tag Monoclonal Antibody at dilution of 1:3000. Lane 1:S-Tag fused recombinant protein 200ng,Lane 2:S-Tag fused recombinant protein 100ng,Lane 3:S-Tag fused recombinant protein 50ng.

Observed-MW:40 kDa

Calculated-MW:15-22 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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