



Meridian

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Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

Important Note: Vial Contains Small Volume. Centrifuge Product Before Opening!

Catalog #: H86248M **Lot #:** 29I27315

Description: MAb to HSP-25/27
Monoclonal Antibody to Heat Shock Protein-25 and Heat Shock Protein 27 (HSP-25/27)

Specificity: Cross-reaction with HSP25/27 from mouse, rat, dog, cat, goat, chicken, fish, porcine, human and bovine.
The amino acid sequence homology between HSP-25 (mouse) and HSP-27 (human) is >80%.

Host Animal: Mouse. **Isotype:** IgG_{2a}

Source: Ascites

Immunogen: Recombinant chicken HSP25

Format: Purified, Liquid

Purification: >90% pure. Protein A Affinity chromatography. Purity is tested by electrophoresis.

Concentration: 5.3 mg/ml (OD280nm, E^{0.1}% = 1.4)

Buffer: PBS, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Suitable for use ELISA, Western blotting, immunofluorescent staining of cell cultures, HSP-25/27 affinity purification and immunoprecipitation of HSP-25/27 from cell/tissue extracts of different animals. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Store at 2-8°C.

Warning: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

Signature

01 Oct 2015

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY