

CERTIFICATE OF ANALYSIS

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

Catalog #: Q86006M **Lot #:** 6J27822

Description: MAb to S-100 β/β and $\alpha1\beta$
Monoclonal Antibody to Human S-100 beta-beta and alpha-1-beta

Specificity: S-100 (beta-beta) and S-100 (alpha-1-beta)

Host Animal: Mouse **Isotype:** IgG₁

Source: Cell Culture

Immunogen: Purified S-100 protein from human brain.

Format: Purified, Liquid

Purification: > 90% pure (SDS-PAGE). Protein A Chromatography

Concentration: 5.6 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Immunoassay, Immunoaffinity purification, and Western Blot.
Sensitive to EDTA and other bivalent-binding agents. Better performance can be obtained in the presence of 5 mM Calcium Chloride (CaCl₂) in the assay buffers.
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.
Recommended pairs for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>	
Q86006M	Q86610M	Detects S-100 β/β and $\alpha1\beta$

Storage: Store at 2–8°C.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature:



04 Oct 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY