

CERTIFICATE OF ANALYSIS

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

Catalog #: H86650M **Lot #:** 10K31522

Description: MAb to TNF Alpha
Monoclonal Antibody to Human Tumor Necrosis Factor alpha (TNF-alpha)

Specificity: Effective in inhibition of the biological activity of recombinant and natural TNF-alpha.

Host Animal: Mouse **Isotype:** IgG₁

Immunogen: Human recombinant tumor necrosis factor of alpha type.

Format: Purified, Liquid

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

Concentration: 6.0 mg/mL (OD280nm, E^{0.1%}=1.4)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.09% Sodium Azide

Applications: Inhibition of biological activity of TNF-alpha in different biological fluids.
Detection of TNF-alpha in two-site immunoassay.
Immunohistochemistry using formalin-fixed frozen tissues. Not tested with paraffin-embedded sections.
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 pair for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
H86410M	H86650M

Storage: Store at 2–8°C.

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

Quality Signature:



11 Nov 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY