Anti-RAGE Antibody [Clone 16-1]

Catalog Number	LDG0039YA
Package	100 µg / 200 µg / Customized package

For full product information, images and publications, please visit our website.

Overview

Description

The immunoglobulin superfamily is a group of transmembrane proteins, contains a variable number of disulfide-stabilized motifs similar to immunoglobulins, associated with the adhesion, binding and recognition processes of cells. Receptor for advanced glycation endproducts (RAGE), a member of the immunoglobulin superfamily, not only binds to advanced glycation endproducts but also interacts with multiple ligands having common motifs. These interactions play important roles in various cellular processes, and associated with many human diseases.

Product Note

Recommended dilution factor:
ELISA: 1:5000-20000
WB: 1:1000-10000
IFA: 1:200-1000
FACS: Assay dependent

Note: Working dilution for specific application should be determined by the investigator to obtain the best conditions.

Specifications

Host	**Clonality**
Mouse	Monoclonal
Isotype	**Clone Name**
IgG1	clone 16-1
Immunogen	**Reactivity**
RAGE	Human

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Application

ELISA, WB, IFA, FACS

Conjugation

Unconjugated

Concentration

1 mg/mL

Buffer

Phosphate Buffered Saline containing 0.03% ProClin 300, pH 7.4.

Specificity

RAGE

Form

Liquid

Instruction

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Stability & Storage

This product is stable after storage at:

- 2-8°C for 2 weeks under sterile conditions from date of receipt.
- -20°C or -80°C for 12 months under sterile conditions from date of receipt.

Avoid repeated freeze/thaw cycles.
Suggestion: Divide antibody into several vials. Keep only vials for usage at 2-8°C.

Image

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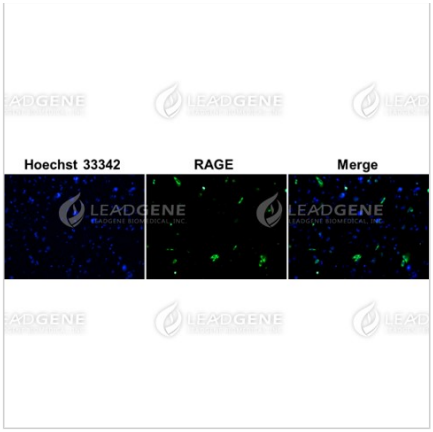

Immunofluorescence analysis of Anti-RAGE Antibody [Clone 16-1] HEK293T cells were transfected with RAGE plasmid and fixed in 4% PFA, permeabilized with PBS containing 0.1% Triton X-100. Cells were stained with mouse anti-RAGE monoclonal antibody (1:200) followed by secondary antibodies (goat anti-Mouse IgG-iFluor 488, 1:200, green) and cell nuclei were stained with Hoechst 33342 (Blue).

Disclaimer : For Research Use or Further Manufacturing Only.

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