

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse FGL-1 in Direct ELISA.
Source	Recombinant Monoclonal Rabbit IgG Clone # 2923B
Purification	Protein A or G purified from cell culture supernatant
Immunogen	Recombinant mouse FGL-1 Leu23-Ile314 Accession # Q71KU9
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose. See Certificate of Analysis for details. *Small pack size (-SP) is supplied either lyophilized or as a 0.2 µm filtered solution in PBS.

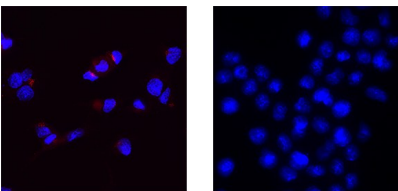
APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.

	Recommended Concentration	Sample
Immunocytochemistry	8-25 µg/mL	Immersion fixed Hepa 1-6 Mouse Hepatoma Cell Line (Positive) and BaF3 Mouse Pro-B Cell Line (Negative) Cells

DATA

Immunocytochemistry



Detection of Hepassocin/FGL1 in Hepa 1-6 Mouse Hepatoma Cell Line (Positive) and BaF3 Mouse Pro-B Cell Line (Negative) Cells.
Hepassocin/FGL1 was detected in immersion fixed Hepa 1-6 Mouse Hepatoma Cell Line (Positive) and BaF3 Mouse Pro-B Cell Line (Negative) Cells using Rabbit Anti-Mouse Hepassocin/FGL1 Monoclonal Antibody (Catalog # MAB11247) at 8 µg/mL for 3 hours at room temperature. Hepa 1-6 cells were treated with 3µM Monensin for 3 hours. Cells were stained using the NorthernLights™ 557-conjugated Anti-Rabbit IgG Secondary Antibody (red; Catalog # NL004) and counterstained with DAPI (blue). Specific staining was localized to cytoplasm. View our protocol for [Fluorescent ICC Staining of Cells on Coverslips](#).

Positive (Hepa 1-6) cells Negative (BaF3) cells

PREPARATION AND STORAGE

Reconstitution	Reconstitute at 0.5 mg/mL in sterile PBS.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below. *Small pack size (-SP) is shipped with polar packs. Upon receipt, store it immediately at -20 to -70 °C
Stability & Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"> • 12 months from date of receipt, -20 to -70 °C as supplied. • 1 month, 2 to 8 °C under sterile conditions after reconstitution. • 6 months, -20 to -70 °C under sterile conditions after reconstitution.

BACKGROUND

Hepassocin, also known as hepatocyte-derived fibrinogen-related protein (HFREP-1) and Fibrinogen-like protein 1 (FGL-1), is a liver specific secreted protein containing one fibrinogen C-terminal domain. It exists as a homodimer and is reported to have hepatocyte mitogenic activity. Hepassocin/FGL-1 binds LAG3 independently from MHC class II (MHC-II) and acts as an Immune suppressive molecule that inhibits antigen-specific T-cell activation by acting as a major ligand of LAG3.