

Anti-Monoglyceride Lipase antibody (Internal) (STJ71692)

STJ71692

GENERAL INFORMATION

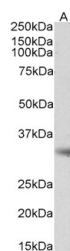
Product Type	Primary antibodies
Short Description	Goat polyclonal antibody anti-Monoglyceride Lipase (Internal) is suitable for use in ELISA, Western Blot, Immunohistochemistry, Immunofluorescence and Flow Cytometry research applications.
Applications	Pep-ELISA/WB/IHC/IF/FC
Host/Source	Goat
Reactivity	Human/Mouse/Rat/Dog/Cow

PRODUCT PROPERTIES

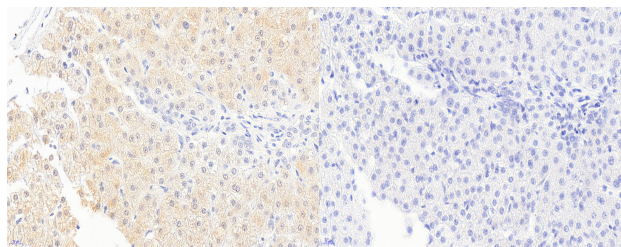
Clonality	Polyclonal
Clone ID	
Concentration	0.5 mg/mL
Conjugation	Unconjugated
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Dilution Range	Peptide ELISA: antibody detection limit dilution 1:128000. WB: Approx 35kDa band observed in Mouse Adipose lysates and in preliminary testing of Human, Cerebellum lysate and in lysate of cell line NIH3T3 (calculated MW of 33.3kDa according to NP_001003794.1)
Formulation	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
Isotype	IgG
Storage Instruction	Store at -20°C on receipt and minimise freeze-thaw cycles.

TARGET INFORMATION

Gene ID	11343
Gene Symbol	MGLL
Uniprot ID	MGLL_HUMAN
Immunogen	Internal
Region	
Specificity	This antibody is expected to recognize both reported isoforms (NP_009214.1; NP_001003794.1).
Immunogen Sequence	QDLPHLVNADGGY

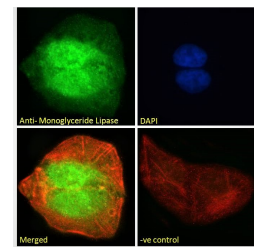


STJ71692 (0.5 µg/ml) staining of Mouse Adipose lysate (35 µg protein in RIPA buffer). Detected by chemiluminescence.



STJ71692 (5 µg/ml) staining of paraffin embedded Human Liver. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.

STJ71692 Negative Control showing staining of paraffin embedded Human Liver, with no primary antibody.



STJ71692 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml), showing nuclear and cytoplasmic staining. Actin filaments were stained with phalloidin (red) and the nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 µg/ml) followed by Alexa Fluor 488 secondary antibody (2 µg/ml).

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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