Anti-LTA4H antibody (501-600) [S5MR] (STJ11102395)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

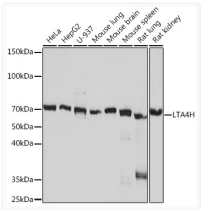
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 69kDa Observed Mw: 70kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

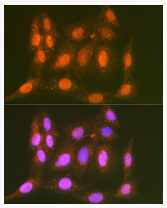
Gene ID	4048
Gene Symbol	LTA4H
UniProt ID	LKHA4_HUMAN
Immunogen Region	501-600
Immunogen Sequence	NEFLAQTLQRAPLPLGHIKR MQEVYNFNAINNSEIRFRWL RLCIQSKWEDAIPLALKMAT EQGRMKFTRPLFKDLAAFDK SHDQAVRTYQEHKASMHPVT
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 501-600 of human LTA4H (P09960).

ADDITIONAL INFORMATION

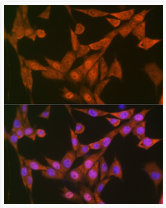
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Western blot analysis of various lysates using LTA4H Rabbit mAb (STJ11102395) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 10s.



Confocal imaging of NIH/3T3 cells using LTA4H Rabbit mAb (STJ11102395, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166, dilution 1:500) (Red). The cells were counterstained with Alpha-Tubulin Mouse mAb (STJ11107556, dilution 1:400) followed by incubation with ABflo®488-conjugated Goat Anti-Mouse IgG (H+L) antibody (STJS001209, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



Confocal imaging of C6 cells using LTA4H Rabbit mAb (STJ11102395, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (STJS001166, dilution 1:500) (Red). The cells were counterstained with Alpha-Tubulin Mouse mAb (STJ11107556, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) antibody (STJS001209, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.