

Anti-ALOX5 antibody (1-200) (STJ22592)

STJ22592

GENERAL INFORMATION

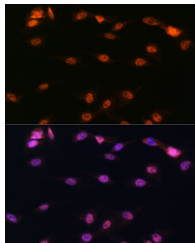
Product Type	Primary antibodies
Short Description	
Applications	WB/IHC-P/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

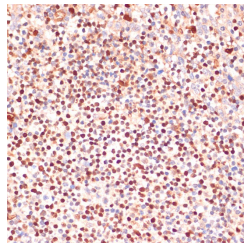
Clonality	Polyclonal
Clone ID	
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution	WB:1:100-1:500
Range	IHC-P:1:50-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Storage	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.
Instruction	

TARGET INFORMATION

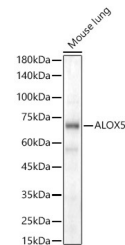
Gene ID	240
Gene Symbol	ALOX5
Uniprot ID	LOX5_HUMAN
Immunogen	
Immunogen Region	1-200
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of ALOX5 (NP_000689.1).
Immunogen Sequence	MPSYTVTVATGSQWFAGTDD YIYLSLVGSAGCSEKHLLDK PFYNDFERGAVDSYDVTVD EELGEIQLVRIEKRKYWLND D WYLYKITLKTTPHGDYIEFPC YRWITGDVEVVL RDGRAKLA RDDQIHLKQHRKRKELETRQ KQYRWMEWNP GFLPSIDAKC HKDLPRDIQFDSEKGVDFVL NYSKAMENLFINRFMHMFQS



Immunofluorescence analysis of C6 cells using ALOX5 antibody (STJ22592) at dilution of 1:100. Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded human tonsil using ALOX5 antibody (STJ22592) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7. 2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of Mouse lung, using ALOX5 antibody (STJ22592) at 1:500 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 30s.

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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