

Anti-FMO3 antibody (300-400) [S5MR] (STJ11102955)  
STJ11102955

GENERAL INFORMATION

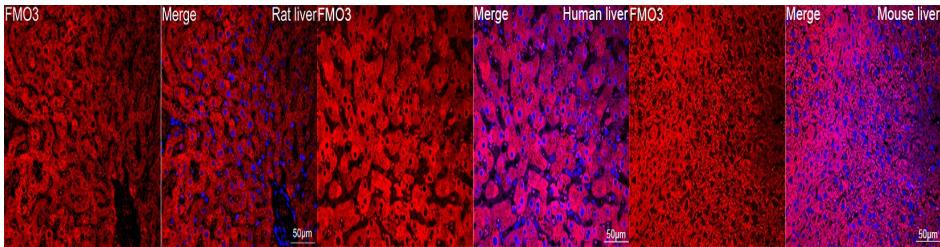
Product Type	Primary antibodies
Short Description	
Applications	WB/IF/ICC/ELISA
Host/Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

Clonality	Monoclonal
Clone ID	S5MR
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
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

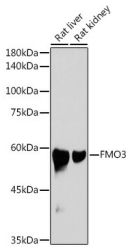
Gene ID	2328
Gene Symbol	FMO3
Uniprot ID	FMO3_HUMAN
Immunogen	
Immunogen Region	300-400
Specificity	A synthetic peptide corresponding to a sequence within amino acids 300-400 of human FMO3 (P31513). KPNVKEFTETSAIFEDGTIF EGIDCVIFATGYSFAYPFLD ESIKSRNNEILFKGVFPP LLEKSTIAVIGFVQSLGAAI
Immunogen Sequence	PTVDLQSRWAAQVIKGTCTL P



Confocal imaging of a paraffin-embedded Rat liver tissue using A FMO3 Rabbit monoclonal antibody (STJ11102955, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

Confocal imaging of a paraffin-embedded Human liver tissue using A FMO3 Rabbit monoclonal antibody (STJ11102955, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.

Confocal imaging of a paraffin-embedded Mouse liver tissue using A FMO3 Rabbit monoclonal antibody (STJ11102955, dilution 1:100) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). Objective: 40x. Perform high pressure antigen retrieval with 0.01 M citrate buffer (pH 6.0) prior to IF staining.



Western blot analysis of various lysates using FMO3 Rabbit monoclonal antibody (STJ11102955) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJ8000856) 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: 5s.

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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