Anti-Proteinase 3/PR3 antibody (1-100) [S0MR] (STJ11103110)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

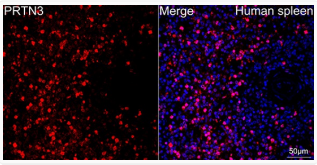
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 28kDa Observed Mw: 28kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

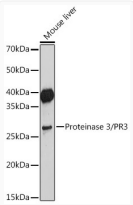
Gene ID	5657
Gene Symbol	PRTN3
UniProt ID	PRTN3_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MAHRPPSPALASVLLALLLS GAARAAEIVGGHEAQPHSRP YMASLQMRGNPGSHFCGGTL IHPSFVLTAAHCLRDIPQRL VNVVLGAHNVRTQEPTQQHF
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Proteinase 3/PR3 (P24158).

ADDITIONAL INFORMATION

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



Confocal imaging of paraffin-embedded Human spleen using Proteinase 3/PR3 Rabbit monoclonal antibody (STJ11103110, dilution 1:200) 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 lysates from Mouse liver, using Proteinase 3/PR3 Rabbit monoclonal antibody (STJ11103110) at 1:1000 dilution. Secondary antibody: HRP 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 Enhanced Kit. Exposure time: 180s.