

Anti-PER1 antibody (1-200 aa) [SRM5418] (STJ11107329)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	IHC-P/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse

PRODUCT PROPERTIES

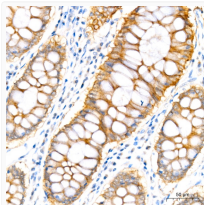
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	IHC-P:1:200-1:800 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.09% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 136kDa Observed Mw: Refer to figures
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

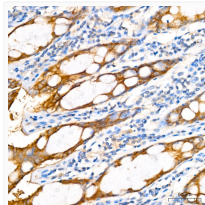
Gene ID	5187
Gene Symbol	PER1
UniProt ID	PER1_HUMAN
Immunogen Region	1-200 aa
Immunogen Sequence	MSGPLEGADGGGDP RPGESEF CPGGVPSGPPQHRPCPGPS LADDTDANSNGSSGNESNGH ESRGASQRSSHSSSSGNGKD SALLETTSSKSTNSQSPSP PSSSIAYSLLSASSEQDNPS TSGCSSEQSARARTQKELMT ALRELKLRLLPERRRGKGRSG TLATLQYALACVKQVQANQE YYQQWSLEEGEPCSDMSTY
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-200 of human PER1 (NP_002607.2).

ADDITIONAL INFORMATION

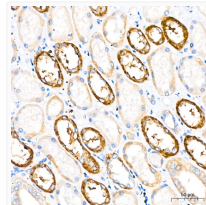
Note **STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.**



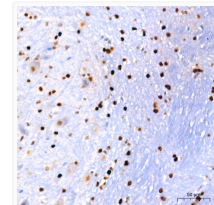
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma tissue using PER1 Rabbit mAb (STJ11107329) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



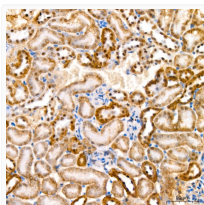
Immunohistochemistry analysis of paraffin-embedded Human colon tissue using PER1 Rabbit mAb (STJ11107329) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



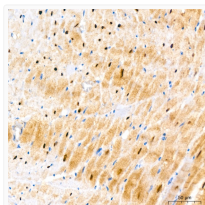
Immunohistochemistry analysis of paraffin-embedded Human kidney tissue using PER1 Rabbit mAb (STJ11107329) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



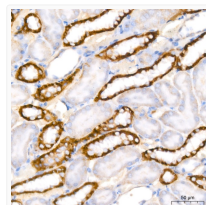
Immunohistochemistry analysis of paraffin-embedded Mouse brain tissue using PER1 Rabbit mAb (STJ11107329) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney tissue using PER1 Rabbit mAb (STJ11107329) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Rat heart tissue using PER1 Rabbit mAb (STJ11107329) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using PER1 Rabbit mAb (STJ11107329) at a dilution of 1:300 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to immunohistochemistry staining.