Anti-TOMM22 antibody (1-100) [S2MR] (STJ11102522)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

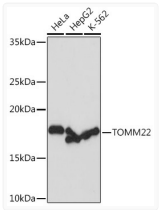
Clonality	Monoclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:100-1:1000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirement
Formulation	PBS with 0.02% Sodium Azide, 0.05% BSA, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 16kDa Observed Mw: 18kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

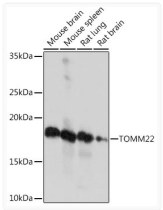
Gene ID	56993
Gene Symbol	TOMM22
UniProt ID	TOM22_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MAAAVAAAGAGEPQSPDELL PKGDAEKPEEELEEDDDEEL DETLSERLWGLTEMFPERVR SAAGATFDLSLFVAQKMYRF SRAALWIGTTSFMILVLPVV
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human TOMM22 (Q9NS69).

ADDITIONAL INFORMATION

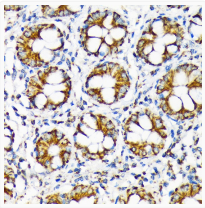
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



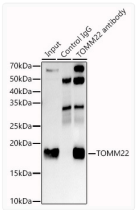
Western blot analysis of lysates from HeLa cells, using TOMM22 Rabbit mAb (STJ11102522) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 1s.



Western blot analysis of various lysates using TOMM22 Rabbit mAb (STJ11102522) 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 Enhanced Kit
Exposure time: 3min.



Immunohistochemistry analysis of paraffin-embedded Human colon using TOMM22 Rabbit mAb (STJ11102522) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0. 01M Tris/EDTA Buffer (pH 9. 0) prior to immunohistochemistry staining.



Immunoprecipitation analysis of 300 Mu g extracts of K-562 cells using 3 Mu g TOMM22 antibody (STJ11102522). Western blot was performed from the immunoprecipitate using TOMM22 antibody (STJ11102522) at a dilution of 1:1000.