SunLong Biotech Co.,LTD
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www.sunlongbiotech.com

[Primary Antibody]

Recombinant Rabbit Anti-TPSAB1 Monoclonal Antibody

Catalog Number: SLA0924M

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Clone No.:	SB44
GeneID:	7177
SWISS:	Q15661
Target:	TPSAB1
Immunogen:	Recombinant Human Mast cell tryptase protein
Purification:	Affinity Purification
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20℃ for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P (1:200-1000) IHC-F (1:200-1000) IF (1:200-1000) Not yet tested in other applications. Optimal working dilutions must be determined by the end user.
Reactivity:	Human,Rat
Predicted MW.:	31 kDa
Subcellular Location:	Secreted
Background:	Tryptase is the major neutral protease present in mast cells and is secreted upon the coupled activation-degranulation response of this cell type. May play a role in innate immunity. Isoform 2 cleaves large substrates, such as fibronectin, more efficiently than isoform 1, but seems less efficient toward small substrates.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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[VALIDATION IMAGES]

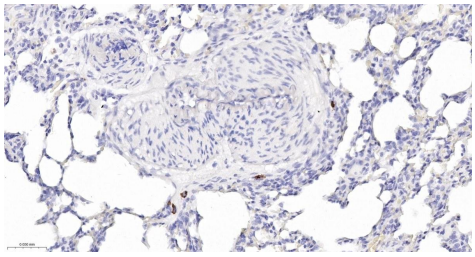


Figure 1. Paraformaldehyde-fixed, paraffin embedded Rat Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TPSAB1 | Mast cell tryptase Monoclonal Antibody, Unconjugated (SLA0924M) at 1:500 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining.

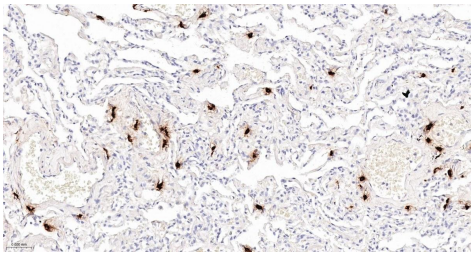


Figure 2. Paraformaldehyde-fixed, paraffin embedded Human Lung; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TPSAB1 | Mast cell tryptase Monoclonal Antibody, Unconjugated (SLA0924M) at 1:500 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining.

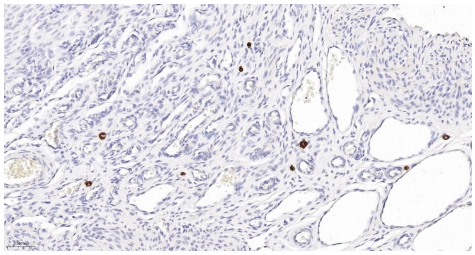


Figure 3. Paraformaldehyde-fixed, paraffin embedded Rat Uterus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TPSAB1 | Mast cell tryptase Monoclonal Antibody, Unconjugated (SLA0924M) at 1:500 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining.

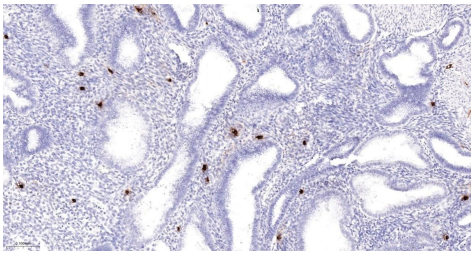


Figure 4. Paraformaldehyde-fixed, paraffin embedded Human Uterus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TPSAB1 | Mast cell tryptase Monoclonal Antibody, Unconjugated (SLA0924M) at 1:500 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining.

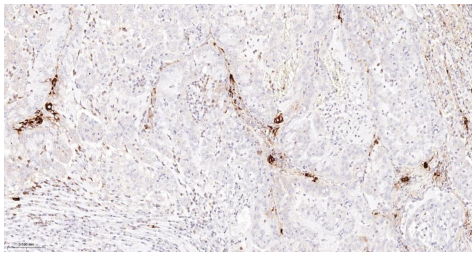


Figure 5. Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TPSAB1 | Mast cell tryptase Monoclonal Antibody, Unconjugated (SLA0924M) at 1:500 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining.

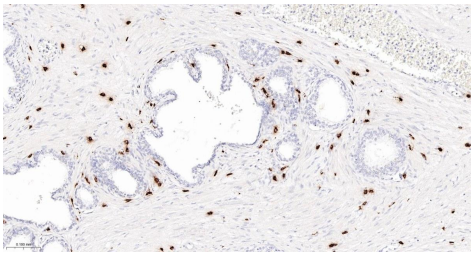


Figure 6. Paraformaldehyde-fixed, paraffin embedded Human Prostate Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TPSAB1 | Mast cell tryptase Monoclonal Antibody, Unconjugated (SLA0924M) at 1:500 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining.

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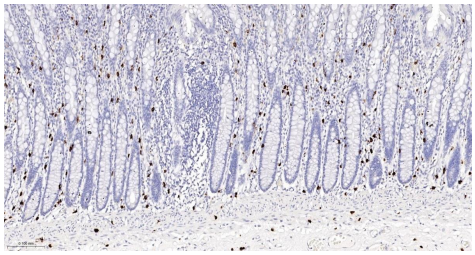


Figure 7. Paraformaldehyde-fixed, paraffin embedded Human Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TPSAB1 | Mast cell tryptase Monoclonal Antibody, Unconjugated (SLA0924M) at 1:500 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining.

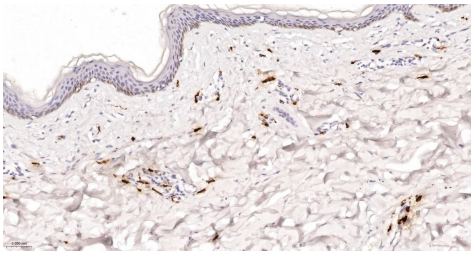


Figure 8. Paraformaldehyde-fixed, paraffin embedded Human Skin; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TPSAB1 | Mast cell tryptase Monoclonal Antibody, Unconjugated (SLA0924M) at 1:500 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining.

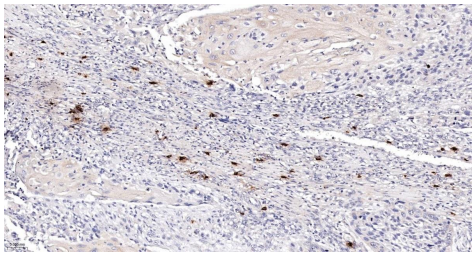


Figure 9. Paraformaldehyde-fixed, paraffin embedded Human Esophageal Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TPSAB1 | Mast cell tryptase Monoclonal Antibody, Unconjugated (SLA0924M) at 1:500 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining.

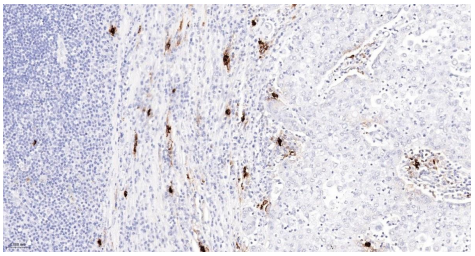


Figure 10. Paraformaldehyde-fixed, paraffin embedded Human Gastric Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with TPSAB1 | Mast cell tryptase Monoclonal Antibody, Unconjugated (SLA0924M) at 1:500 overnight at 4°C, followed by incubation with SL40296G-HRP and DAB (C-0010) staining.
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