

Anti-CD9 Antibody (9S121)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Molecular Weight:	Theoretical: 25 kDa. Actual: 24 kDa.
Clone:	9S121
Purification:	Protein A purified

Applications

Verified Activity:

1. 25 µg total protein per Lane of various lysates probed with CD9 monoclonal antibody, unconjugated (TMAB-00398) at 1:2000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.
2. Paraformaldehyde-fixed, paraffin embedded Mouse Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD9 Monoclonal Antibody, Unconjugated (TMAB-00398) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Rat Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD9 Monoclonal Antibody, Unconjugated (TMAB-00398) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Human Spleen; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD9 Monoclonal Antibody, Unconjugated (TMAB-00398) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Mouse Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD9 Monoclonal Antibody, Unconjugated (TMAB-00398) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Rat Colon; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD9 Monoclonal Antibody, Unconjugated (TMAB-00398) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
7. Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD9 Monoclonal Antibody, Unconjugated (TMAB-00398) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
8. Paraformaldehyde-fixed, paraffin embedded Human Cervical Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD9 Monoclonal Antibody, Unconjugated (TMAB-00398) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
9. Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD9 Monoclonal Antibody, Unconjugated (TMAB-00398) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
10. Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer; Antigen retrieval by

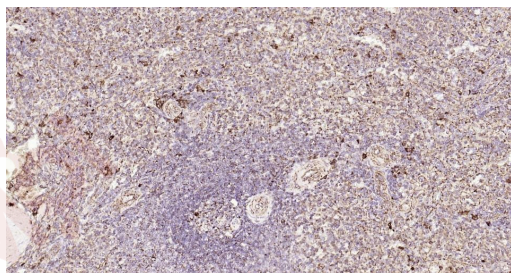
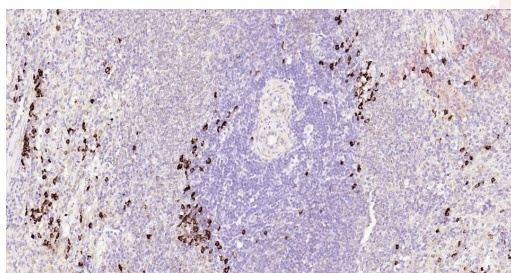
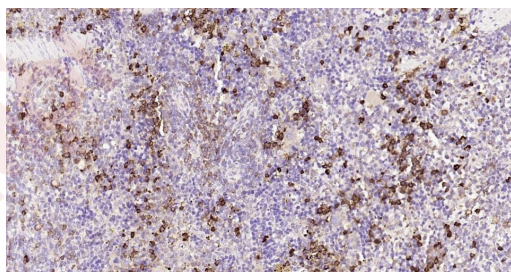
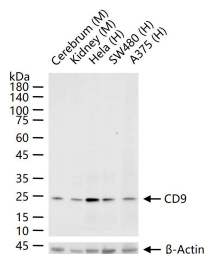
boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD9 Monoclonal Antibody, Unconjugated (TMAB-00398) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

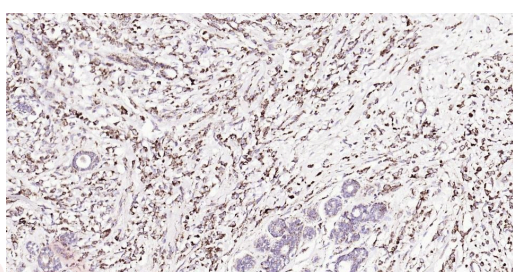
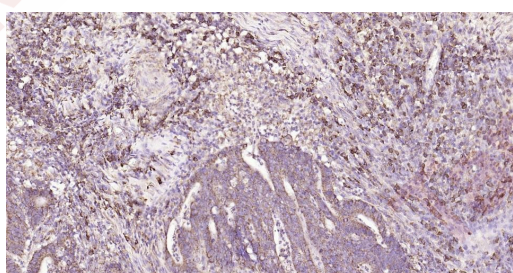
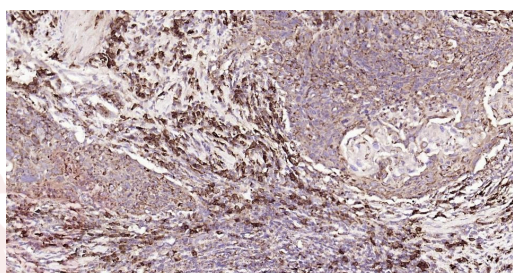
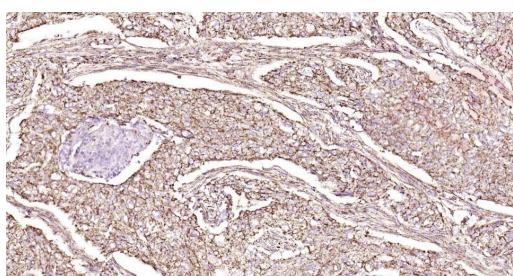
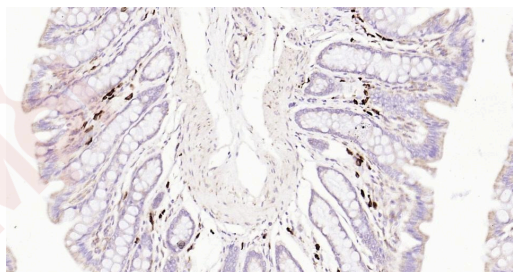
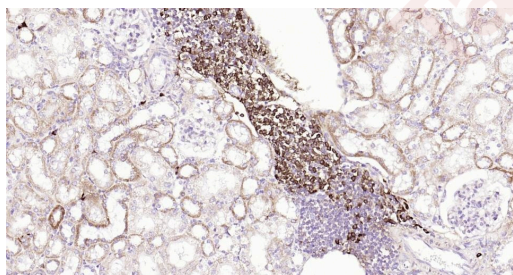
11. Paraformaldehyde-fixed, paraffin embedded Human Esophagus Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD9 Monoclonal Antibody, Unconjugated (TMAB-00398) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

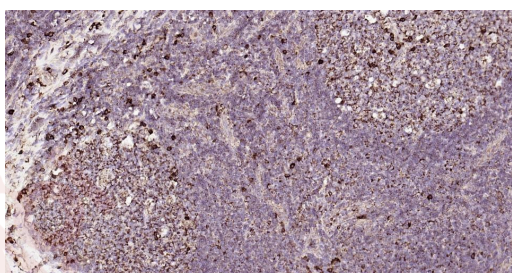
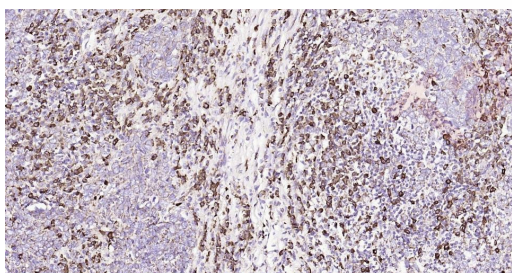
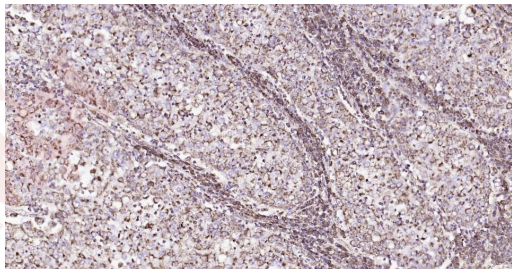
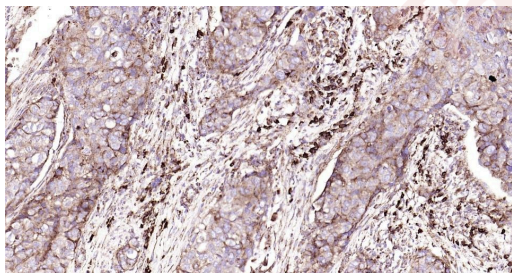
12. Paraformaldehyde-fixed, paraffin embedded Human Gastric Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD9 Monoclonal Antibody, Unconjugated (TMAB-00398) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

13. Paraformaldehyde-fixed, paraffin embedded Human Thyroid Tumor; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD9 Monoclonal Antibody, Unconjugated (TMAB-00398) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

14. Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with CD9 Monoclonal Antibody, Unconjugated (TMAB-00398) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.







Application: FCM,ICC/IF,IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-1000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:50-200; IF: 1:100-500; FCM: 1:20-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthesized peptide: human CD9

Antigen Species: Human

Gene ID: 928

Uniprot ID: P21926

Synonyms: MRP-1;TSPAN-29;DRAP-27;BTCC-1;TSPAN29;MIC3;CD9 molecule

Biology Area: Blood,Platelets,Intracellular,Fertilisation,Platelets,Surface Molecules

Research Background

This gene encodes a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Tetraspanins are cell surface glycoproteins with four transmembrane domains that form multimeric complexes with other cell surface proteins. The encoded protein functions in many cellular processes including differentiation, adhesion, and signal transduction, and expression of this gene plays a critical role in the suppression of cancer cell motility and metastasis. [provided by RefSeq, Jan 2011]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481