

Product datasheet for **TA323108S**

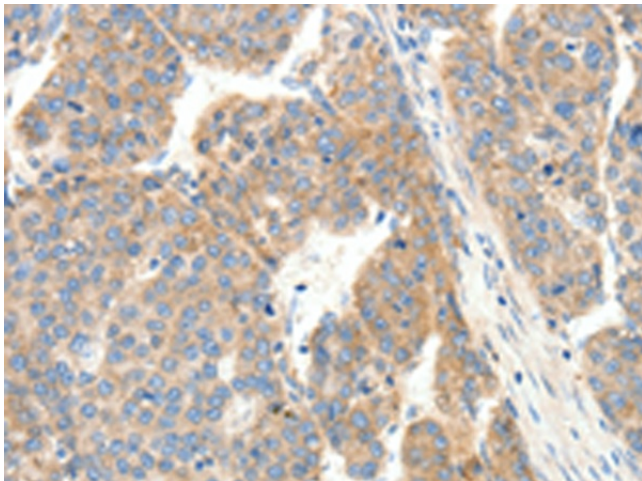
Collagen IV (COL4A1) Rabbit Polyclonal Antibody

Product data:

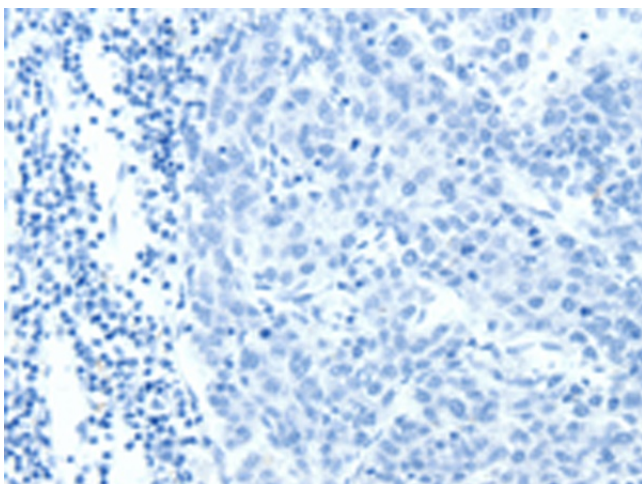
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human ovarian cancer Predicted cell location: Cytoplasm, Basement membrane, ExtraCellular space, ExtraCellular matrix
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 1648-1662 amino acids of human collagen, type IV, alpha 1
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	collagen type IV alpha 1 chain
Database Link:	NP_001836 Entrez Gene 12826 Mouse Entrez Gene 1282 Human P02462
Background:	This gene encodes the major type IV alpha collagen chain of basement membranes. Like the other members of the type IV collagen gene family; this gene is organized in a head-to-head conformation with another type IV collagen gene so that each gene pair shares a common promoter.
Synonyms:	BSVD
Protein Pathways:	ECM-receptor interaction, Focal adhesion, Pathways in cancer, Small cell lung cancer



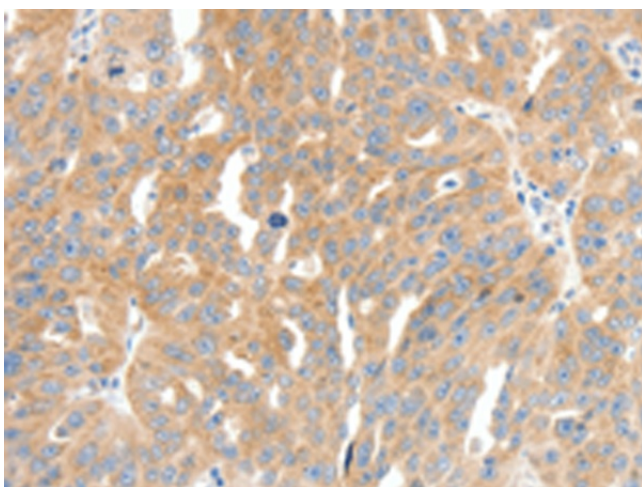
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Product images:

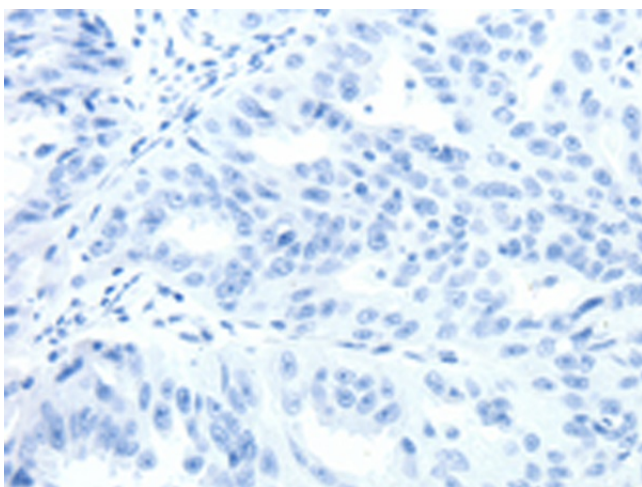
Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA323108] (COL4A1 Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human ovarian cancer tissue using [TA323108] (COL4A1 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA323108] (COL4A1 Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using [TA323108] (COL4A1 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: $\times 200$)