

Product datasheet for **TA371681**

ECM1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: LOVO and LO2 cell lysates IHC: 25-50 Positive control: Human tonsil Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ECM1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	61 kDa
Gene Name:	extracellular matrix protein 1
Database Link:	Entrez Gene 1893 Human Q16610



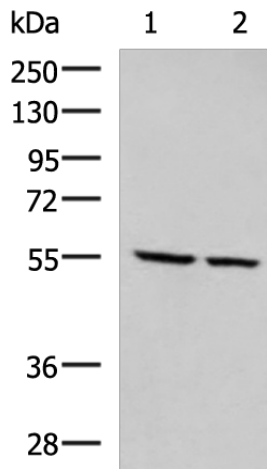
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Background:

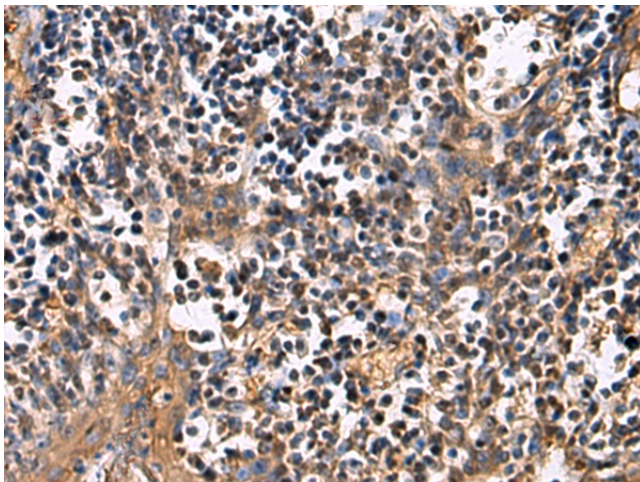
This gene encodes a soluble protein that is involved in endochondral bone formation, angiogenesis, and tumor biology. It also interacts with a variety of extracellular and structural proteins, contributing to the maintenance of skin integrity and homeostasis. Mutations in this gene are associated with lipid proteinosis disorder (also known as hyalinosis cutis et mucosae or Urbach-Wiethe disease) that is characterized by generalized thickening of skin, mucosae and certain viscera. Alternatively spliced transcript variants encoding distinct isoforms have been described for this gene.

Synonyms:

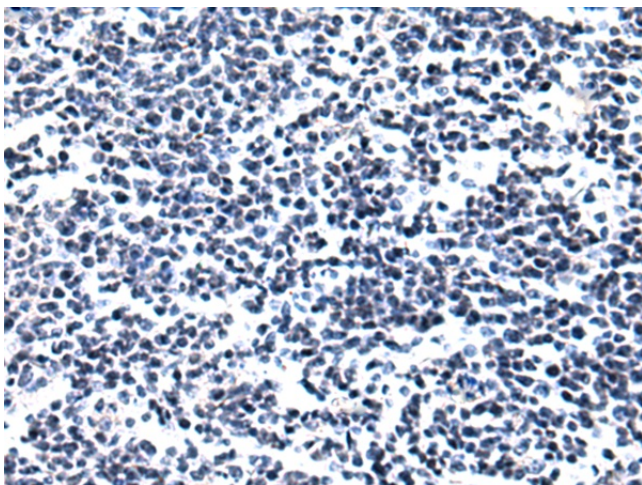
ECM1

Product images:


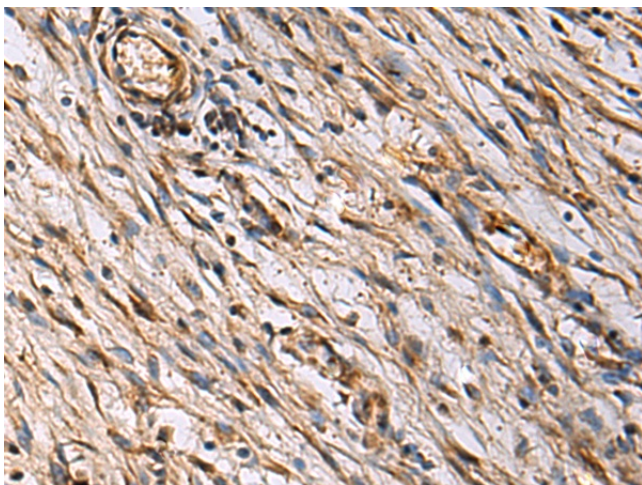
Gel: 8%SDS-PAGE
 Lysate: 40 µg
 Lane 1-2: LOVO and LO2 cell lysates
 Primary antibody: TA371681 (ECM1 Antibody) at dilution 1/650
 Secondary antibody: Goat anti rabbit IgG at 1/5000 dilution
 Exposure time: 1 minute



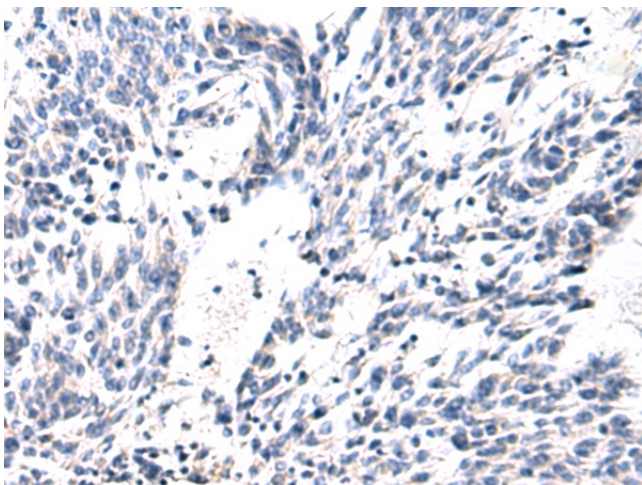
Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA371681 (ECM1 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using TA371681 (ECM1 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA371681 (ECM1 Antibody) at dilution 1/25 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using TA371681 (ECM1 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: $\times 200$)