Recombinant DGRmAb®

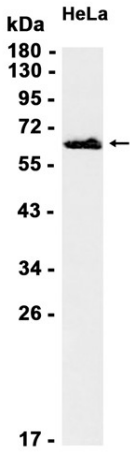
Extracellular matrix protein 1 (DGR17048) Rabbit mAb

db12475 **Package : 10μL 20μL 50μL 100μL**

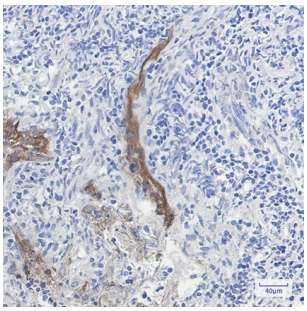
Product Name : Extracellular matrix protein 1 (DGR17048) Rabbit mAb
Cat.No.: db12475
Synonyms : URBWD
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Rat
Host species : Rabbit

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 lipoid 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. [provided by RefSeq, Feb 2011]
Immunogen	A synthetic peptide of human Extracellular matrix protein 1
Gene ID	1893
Swiss Prot	Q16610
Synonyms	URBWD
Reactivity	Human,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:100-1:200 ICC/IF: 1:100-1:200 FC: 1:20-1:50 IP: 1:10-1:100
Calculated MW	61 kDa
Observed MW	61 kDa
Host species	Rabbit
Clonality	Monoclonal

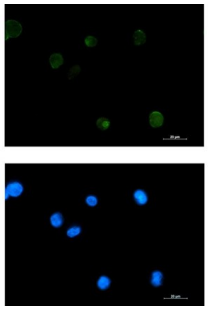
Clonality No.	DGR17048
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



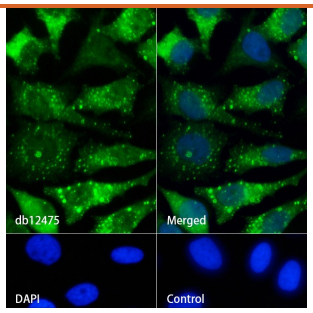
Western blot analysis of extracts from HeLa cells using db12475 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human tonsil using db12475 antibody.



Immunofluorescent analysis of K562 cells using db12475 antibody (green), and DAPI (blue).



Immunofluorescence analysis of HeLa cells labelling Extracellular matrix protein 1 with db12475.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db12475 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.