

Tumstatin Antibody HRP Conjugated

Catalog No: #C03975H

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Description

Product Name	Tumstatin Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-P IHC-F
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human Tumstatin
Conjugates	HRP
Target Name	Tumstatin
Other Names	Collagen alpha-3IV chain; Alpha 3 type IV collagen; Alpha3 type IV collagen; COL4A 3; COL4A3; Collagen IV alpha 3 polypeptide; Collagen type IV alpha 3 Goodpasture antigen; Collagen type IV alpha 3; Goodpasture antigen; OTTHUMP00000195044; Tumstatin; Col4a3; CO4A3_HUMAN.
Accession No.	NCBI Gene ID1285
Uniprot	Q01955
GeneID	1285;
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-P=1:50-200 IHC-F=1:50-200

Background

COL4A3 (Collagen, type IV, alpha 3) belongs to the type IV collagen family. Type IV collagen is the major structural component of glomerular basement membranes (GBM), forming a 'chicken-wire' meshwork together with laminins, proteoglycans and entactin nidogen. Type IV collagen is a multimeric protein composed of 3 alpha subunits. These subunits are encoded by 6 different genes, alpha 1 through alpha 6, each of which can form a triple helix structure with 2 other subunits to form type IV collagen. Tumstatin, a cleavage fragment corresponding to the collagen alpha 3(IV) NC1 domain, possesses both anti-angiogenic and anti-tumor cell activity.

Note: This product is for in vitro research use only