

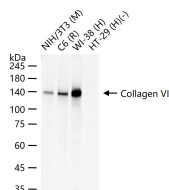
bsm-61026R**[Primary Antibody]****Bioss**
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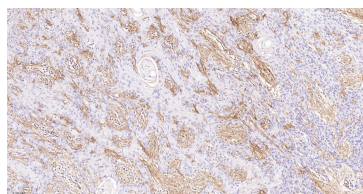
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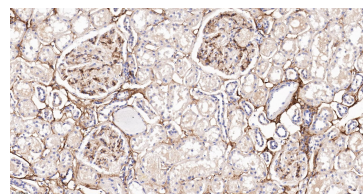
400-901-9800

Collagen VI Recombinant Rabbit mAb**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 4D10**GeneID:** 1291**SWISS:** P12109**Target:** Collagen VI**Immunogen:** A synthesized peptide derived from human Collagen VI: 15-250.**Purification:** affinity purified by Protein A**Storage:** 0.01M TBS(pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.**Background:** The collagens are a superfamily of proteins that play a role in maintaining the integrity of various tissues. Collagens are extracellular matrix proteins and have a triple-helical domain as their common structural element. Collagen VI is a major structural component of microfibrils. The basic structural unit of collagen VI is a heterotrimer of the alpha1(VI), alpha2(VI), and alpha3(VI) chains. The alpha2(VI) and alpha3(VI) chains are encoded by the COL6A2 and COL6A3 genes, respectively. The protein encoded by this gene is the alpha 1 subunit of type VI collagen (alpha1(VI) chain). Mutations in the genes that code for the collagen VI subunits result in the autosomal dominant disorder, Bethlem myopathy. [provided by RefSeq, Jul 2008]**Applications:** WB (1:1000-5000)**IHC-P** (1:200-800)**IHC-F** (1:200-800)**IF** (1:200-800)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 106 kDa**Observed MW.:** 140 kDa**Subcellular Location:** Cytoplasm**VALIDATION IMAGES**

25 ug total protein per lane of various lysates (see on figure) probed with Collagen VI monoclonal antibody, unconjugated (bsm-61026R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Esophageal Cancer; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Collagen VI Monoclonal Antibody, Unconjugated (bsm-61026R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Kidney; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Collagen VI Monoclonal Antibody, Unconjugated (bsm-61026R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.