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Datasheet for ABIN6777255
anti-COL4a5 antibody (AA 1461-1685)

Overview

Quantity:	100 µL
Target:	COL4a5 (COL4A5)
Binding Specificity:	AA 1461-1685
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This COL4a5 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant COL4a5 (Gly1461-Thr1685) expressed in E. coli. Type of Immunogen: Recombinant protein
Isotype:	IgG
Specificity:	The antibody is a mouse monoclonal antibody raised against COL4a5. It has been selected for its ability to recognize COL4a5 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	COL4a5 (COL4A5)
Alternative Name:	COL4A5 / Collagen IV Alpha5 (COL4A5 Products)

Target Details

Background: Name/Gene ID: COL4A5
Family: Collagen

Synonyms: COL4A5, Alport syndrome, ASLN, ATS, CA54, Collagen, type IV, alpha 5, DA149D17.3, Collagen alpha 5(iv), Collagen alpha-5(IV) chain, DA24A23.1

Gene ID: 1287

Pathways: [Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: Approved: WB (1:100 - 1:400)

Usage: ICC 5-30 µg/mL, WB 0.5-5 µg/mL,

Comment: Target Species of Antibody: Human

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 0.02 % sodium azide, 50 % glycerol.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store at 4°C for frequent use. Aliquot and store at -20°C for up to 1 year. Avoid freeze-thaw cycles.

Expiry Date: 12 months