



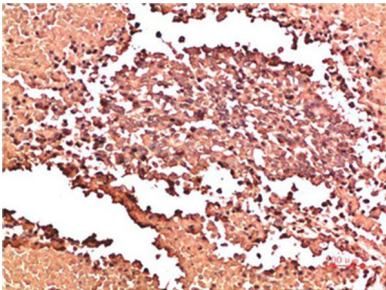
Collagen II (9F11)

Mouse monoclonal Antibody

#55064

**Catalog Number:** 55064**Amount:** 100µg/100µl**Swiss-Prot No. :** P02458**GENE ID:**1280**Form of Antibody:**Purified mouse monoclonal in buffer containing 0.1M Tris-Glycine (pH 7.4, 150 mM NaCl) with 0.2% sodium azide, 50%,glycerol**Storage/Stability:** Store at -20°C/1 year**Purification:** affinity-chromatography**Specificity/Sensitivity:**This antibody detects endogenous levels of Collagen II and does not cross-react with related proteins**Alternative Names:**Collagen alpha-1(II) chain (Alpha-1 type II collagen) [Cleaved into: Collagen alpha-1(II) chain; Chondrocalcin]**Reactivity:** Human,Mouse,Rat**Applications:**

Predicted MW: 142kd IHC:1:50-200



Immunohistochemical analysis of paraffin-embedded Human Lung

Carcinoma Tissue using Collagen II Mouse mAb

**Background:**COL2A1 Type II collagen is specific for cartilaginous tissues. It is essential for the normal embryonic development of the skeleton, for linear growth and for the ability of cartilage to resist compressive forces. Belongs to the fibrillar collagen family. Homotrimers of alpha 1(II) chains. 3 isoforms of the human protein are produced by alternative splicing