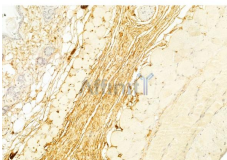


Collagen III Ab

[References\(52\)](#) [Images\(36\)](#)

Cat.#: AF0136	Concn.: ~1mg/ml	Mol.Wt.: 138kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	IHC 1:50-1:200, IF/ICC 1:100-1:500, WB 1:1000 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse,Rat	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human Collagen III, corresponding to a region within N-terminal amino acids.	
Uniprot:	P02461	
Description:	CO3A1 Collagen type III occurs in most soft connective tissues along with type I collagen. Belongs to the fibrillar collagen family. Trimers of identical alpha 1(III) chains. The chains are linked to each other by interchain disulfide bonds. Trimers are also cross-linked via hydroxylysines. 2 isoforms of the human protein are produced by alternative splicing. Note: This description may include information from UniProtKB.	



AF0136 at 1/100 staining Mouse skin tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.



AF0136 staining BJ cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25°C. The primary Ab was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab (Red), diluted at 1/600, was used as secondary Ab.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab

in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking,
overnight.

For Research Use Only. Not for use in diagnostic and therapeutic
procedures. Not for resale without express authorization.