

Rabbit Collagen XVII Monoclonal Antibody | anti-COL17A1 antibody

Collagen XVII Conjugated Antibody

CATALOG # AAA312813	HOST Rabbit	REACTIVITY Human, Mouse, Rat
-------------------------------	-----------------------	--

PRODUCT SYNONYMS

Collagen XVII; Monoclonal Antibody; Collagen XVII Conjugated Antibody; 180 kDa bullous pemphigoid antigen 2 antibody; Alpha 1 type XVII collagen antibody; BA16H23.2 antibody; BP 180 antibody; BP180 antibody; BPA 2 antibody; BPAG 2 antibody; BPAG2 antibody; Bullous pemphigoid antigen 2 antibody; COL17A1 antibody; Collagen 17 antibody; Collagen alpha 1 XVII chain antibody; Collagen alpha 1 (XVII) chain antibody; Collagen alpha1 XVII chain antibody; Collagen type XVII alpha 1 antibody; Collagen XVII alpha 1 polypeptide antibody; CollagenXVII antibody; Epidermolysis bullosa junctional localisata variant antibody; FLJ60881 antibody; KIAA0204 antibody; LAD 1 antibody; LAD1 antibody; anti-COL17A1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Form/Format	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Immunogen	Recombinant protein
Conjugation	Biotin
Preparation and Storage	Store at 4°C in the dark for 6 months.

ADDITIONAL INFORMATION

Related Product Information for anti-COL17A1 antibody	The extensive collagen family comprises several chain types, including fibril-forming interstitial collagens and basement membrane collagens, with each type containing multiple isoforms. Products of the COL gene family, collagens are characterized as fibrous, extracellular matrix proteins with high tensile strength that constitute the major components of connective tissues, such as tendons and cartilage. All collagens contain a triple helix domain and frequently show lateral self-association in order to form complex connective tissues. Collagen Type XVII, also designated BP180, represents a type II transmembrane, epithelial adhesion molecule that plays a role in cell migration and differentiation. The full length Collagen Type XVII protein is expressed in hemidesmosomes of keratinocytes. Proteolytic shedding of Collagen Type XVII results in a species in the extracellular matrix, and this process may be mediated by a disintegrin and metalloprotease (ADAM) family member. The BPAG2 gene, which encodes the Collagen Type XVII protein, maps to human chromosome 10q25.1. Mutations in this gene result in Bullous pemphigoid, an inflammatory subepidermal blistering skin disease associated with an IgG autoimmune response to Collagen Type XVII.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	119829187
NCBI GeneID	1308
NCBI Accession #	NP_000485.3
NCBI GenBank Nucleotide #	NM_000494.3
UniProt Accession #	Q9UMD9 ; Q02802 ; Q5JV36 ; Q99018 ; Q9NQK9 ; Q9UC14
Molecular Weight	150,419 Da

NCBI Official Full Name	collagen alpha-1(XVII) chain
NCBI Official Synonym Full Names	collagen, type XVII, alpha 1
NCBI Official Symbol	COL17A1
NCBI Official Synonym Symbols	BP180; BPA-2; BPAG2; LAD-1; BA16H23.2
NCBI Protein Information	collagen alpha-1(XVII) chain; collagen alpha-1(XVII) chain; alpha 1 type XVII collagen; type XVII collagen alpha-1; collagen XVII, alpha-1 polypeptide; 180 kDa bullous pemphigoid antigen 2; bullous pemphigoid antigen 2 (180kD); bA16H23.2 (collagen, type X
UniProt Protein Name	Collagen alpha-1(XVII) chain
UniProt Gene Name	COL17A1
UniProt Synonym Gene Names	BP180; BPAG2; LAD-1; 97 kDa LAD antigen; 97-LAD; LABD97
UniProt Entry Name	COHA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/monoclonal/collagen-xvii-antibody-elisa/312813>