

COL7A1 Conjugated Antibody

Catalog No: #C37510

Package Size: #C37510-AF350 100ul #C37510-AF405 100ul #C37510-AF488 100ul #C37510-AF555 100ul #C37510-AF594 100ul #C37510-AF647 100ul #C37510-AF680 100ul #C37510-AF750 100ul #C37510-Biotin 100ul #C37510-Conjugated 50ul

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Description

Product Name	COL7A1 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IF ELISA IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total COL7A1 protein.
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human collagen, type VII, alpha 1
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	EBD1; EBR1; EBDCT
Accession No.	Swiss-Prot#:Q02388NCBI Gene ID:1294NCBI Protein#:NP_005786
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF:1:50-1:200

Background

This gene encodes the alpha chain of type VII collagen. The type VII collagen fibril, composed of three identical alpha collagen chains, is restricted to the basement zone beneath stratified squamous epithelia. It functions as an anchoring fibril between the external epithelia and the underlying stroma. Mutations in this gene are associated with all forms of dystrophic epidermolysis bullosa. In the absence of mutations, however, an acquired form of this disease can result from an autoimmune response made to type VII collagen.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.