

Product Datasheet

COLEC10 Antibody (4C1) - Azide and BSA Free H00010584-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00010584-M01

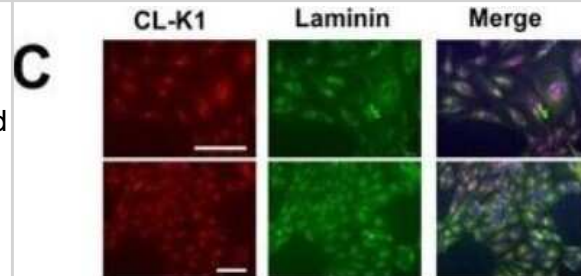
COLEC10 Antibody (4C1) - Azide and BSA Free

| Product Information | |
|-----------------------------|--|
| Unit Size | 0.1 mg |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | 4C1 |
| Preservative | No Preservative |
| Isotype | IgG2a Kappa |
| Purity | IgG purified |
| Buffer | In 1x PBS, pH 7.4 |
| Product Description | |
| Host | Mouse |
| Gene ID | 10584 |
| Gene Symbol | COLEC10 |
| Species | Human, Mouse |
| Reactivity Notes | Use in Mouse reported in scientific literature (PMID:28301481). |
| Specificity/Sensitivity | COLEC10 - collectin sub-family member 10 (C-type lectin) (4C1) |
| Immunogen | COLEC10 (NP_006429.1, 121 a.a. ~ 229 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. CGRYRKFGVGLDISIARLKTSMKFVKVNIAGIRETEEFYYIVQEEKNYRESLTH CRIRGGMLAMPKDEAANTLIADYVAKSGFFRVFIGVNDLEREGQYMFTDNTPL Q |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Product Application Details | |
| Applications | ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA |
| Recommended Dilutions | ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA |
| Application Notes | This product is useful for ELISA. Use in Immunocytochemistry/immunofluorescence reported in scientific literature (PMID 28301481). |

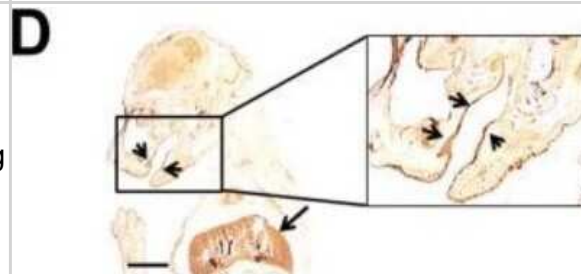


Images

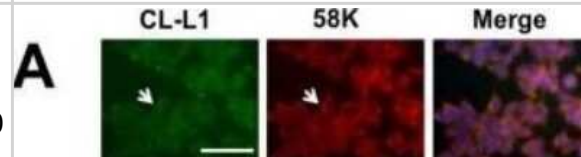
Immunocytochemistry/Immunofluorescence: COLEC10 Antibody (4C1) [H00010584-M01] - Cellular and embryonic localisation of CL-L1.A. Immunostaining of ATDC5 cells with the golgi marker 58K and CL-L1. CL-L1 shows localisation with golgi apparatus (white arrow). Laminin and CL-L1 coimmunolocalisation. Laminin shows partial cellular immunolocalisation with CL-L1 around the golgi area (arrows). Scale bar 50 um C. Laminin and CL-K1 coimmunolocalisation. CL-K1 staining shows a very strong golgi localisation with partial cytoplasmatic laminin colocalisation. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pgen.1006679>), licensed under a CC-BY license.



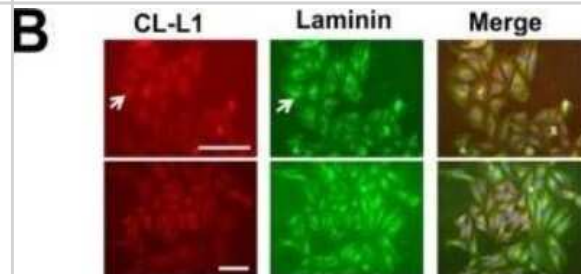
Immunohistochemistry-Paraffin: COLEC10 Antibody (4C1) [H00010584-M01] - Cellular and embryonic localisation of CL-L1. D. CL-L1. Immunohistochemistry of a 18.5 days postfertilization mouse embryo. CL-L1 is expressed in the liver (long arrow) and submucosal patal region (short arrows). Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pgen.1006679>), licensed under a CC-BY license.



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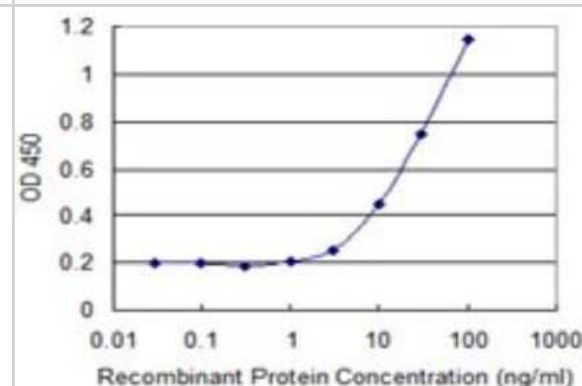
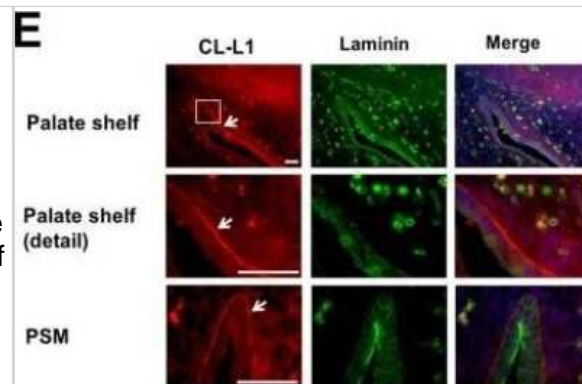


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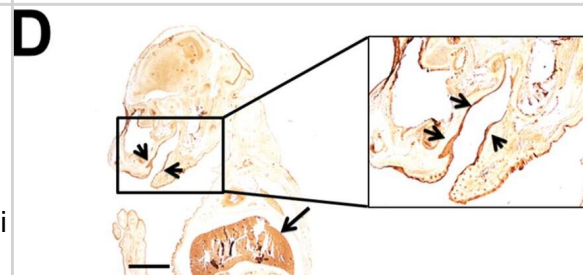


Immunohistochemistry: COLEC10 Antibody (4C1) [H00010584-M01] - Cellular and embryonic localisation of CL-L1. Immunofluorescence showing co-localisation of CL-L1 and Laminin in E13.5 mouse embryos sections. CL-L1 is expressed in the basal membrane of the ephithelium in the palate shelf of the maxilla (arrows). In contrast Laminin expression is present all around the ephithelium membrane. A faint but clear CL-L1 expression is also observed in the cytoplasm of the epithelium and in the mesenchyme of the palate. PSM; rostral extremity of right palatal shelf of maxilla. Scale bar 100 μ m. Image collected and cropped by CiteAb from the following publication (<https://dx.plos.org/10.1371/journal.pgen.1006679>), licensed under a CC-BY license.

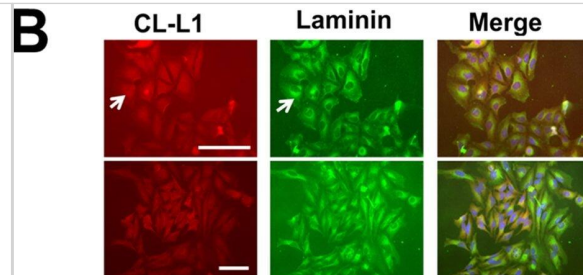
Sandwich ELISA: COLEC10 Antibody (4C1) [H00010584-M01] - Detection limit for recombinant GST tagged COLEC10 is 1 ng/ml as a capture antibody.



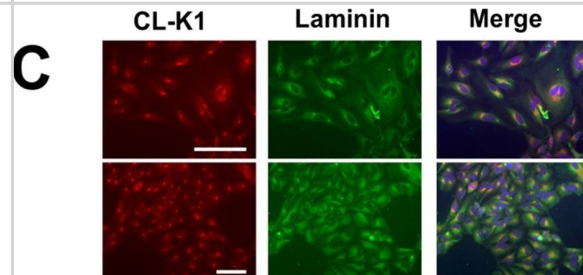
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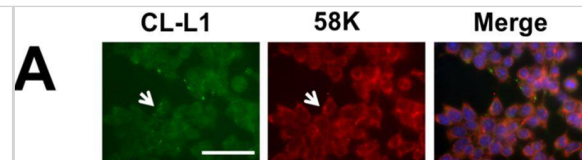
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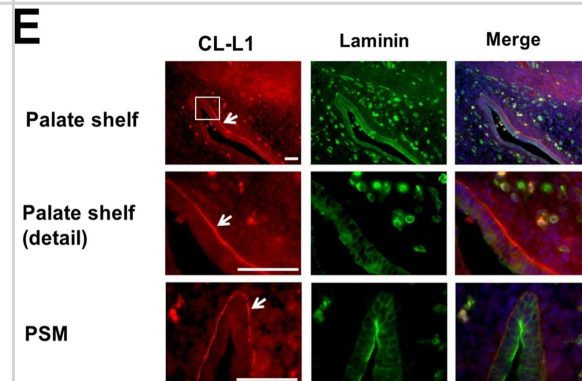
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Publications

Munye MM, Diaz-Font A, Ocaka L et al. COLEC10 is mutated in 3MC patients and regulates early craniofacial development PLoS Genet 2017-03-01 [PMID: 28301481] (IF/IHC, Mouse)



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| NB720-B | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96981-0.5mg | Mouse IgG2a Kappa Isotype Control (M2AK) |
| H00010584-Q01-10ug | Recombinant Human COLEC10 GST (N-Term) Protein |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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