

# EVPL (18V7) Rabbit Monoclonal Antibody

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Catalog # AP93815

## Product Information

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|                   |                        |
|-------------------|------------------------|
| Application       | WB, IHC-P, FC          |
| Primary Accession | <a href="#">Q92817</a> |
| Reactivity        | Human                  |
| Clonality         | Monoclonal             |
| Calculated MW     | 231604                 |

## Additional Information

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|--------------------|----------------------------------------------------------------------------------------------------------------|
| Gene ID            | 2125                                                                                                           |
| Other Names        | Envoplakin, 210 kDa cornified envelope precursor protein, 210 kDa paraneoplastic pemphigus antigen, p210, EVPL |
| Dilution           | WB~~1:1000 IHC-P~~N/A FC~~1:10~50                                                                              |
| Storage Conditions | -20°C                                                                                                          |

## Protein Information

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|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Name              | EVPL                                                                                                                                               |
| Function          | Component of the cornified envelope of keratinocytes. May link the cornified envelope to desmosomes and intermediate filaments.                    |
| Cellular Location | Cell junction, desmosome. Cornified envelope. Cytoplasm, cytoskeleton.<br>Note=Colocalized with DSP at desmosomes and along intermediate filaments |
| Tissue Location   | Exclusively expressed in stratified squamous epithelia                                                                                             |

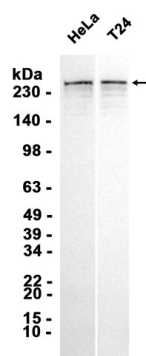
## Background

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This gene encodes a member of the plakin family of proteins that forms a component of desmosomes and the epidermal cornified envelope. This gene is located in the tylosis oesophageal cancer locus on chromosome 17q25, and its deletion is associated with both familial and sporadic forms of oesophageal squamous cell carcinoma. Patients suffering from the autoimmune mucocutaneous disorder, paraneoplastic pemphigus, develop antibodies against the encoded protein. [provided by RefSeq, Jul 2016]

## Images

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Western blot analysis of extracts from HeLa,T24 cells using AP93815 at 1:1000.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.