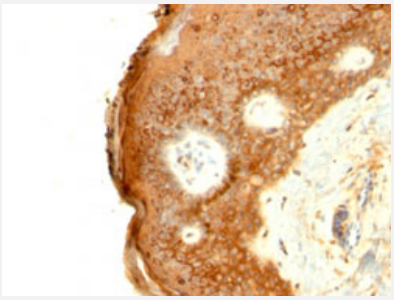
# IVL monoclonal antibody, clone SPM259

Catalog # MAB15198 Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skin with IVL monoclonal antibody, clone SPM259 (Cat # MAB15198).

## Specification

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|---|---|
| **Product Description** | Mouse monoclonal antibody raised against native human IVL. |
| **Immunogen** | Native purified IVL from human keratinocytes. |
| **Host** | Mouse |
| **Theoretical MW (kDa)** | 66-170 |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Protein A/G purification |
| **Isotype** | IgG1, kappa |
| **Recommend Usage** | Flow Cytometry (0.5-1 ug/$10^6$ cells in 0.1 mL)<br>Immunofluorescence (1-2 ug/mL)<br>Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.1-0.2 ug/mL)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In 10 mM PBS (0.05% BSA, 0.05% sodium azide). |

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|---|---|
| **Storage Instruction** | Store at 4°C. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human skin with IVL monoclonal antibody, clone SPM259 (Cat # MAB15198).

- Immunofluorescence

- Flow Cytometry

## Gene Info — IVL

| | |
|---|---|
| **Entrez GeneID** | 3713 |
| **Protein Accession#** | P07476 |
| **Gene Name** | IVL |
| **Gene Alias** | - |
| **Gene Description** | involucrin |
| **Omim ID** | 147360 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | Involucrin, a component of the keratinocyte crosslinked envelope, is found in the cytoplasm and cr osslinked to membrane proteins by transglutaminase. This gene is mapped to 1q21, among calp actin l light chain, trichohyalin, profillaggrin, loricrin, and calcyclin. [provided by RefSeq |
| **Other Designations** | OTTHUMP00000014402 |

## Publication Reference

- Characterisation of eight monoclonal antibodies to involucrin.

  Hudson DL, Weiland KL, Dooley TP, Simon M, Watt FM.

  Hybridoma 1992 Jun; 11(3):367.

## Disease

- Dermatitis
- Genetic Predisposition to Disease