# CD206 Polyclonal Antibody

**Catalog Number:E-AB-33717** 2 Publications

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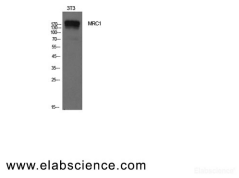
***Note:*** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

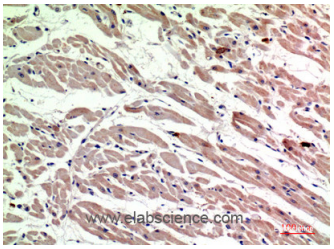
| | |
|---|---|
| **Reactivity** | Human |
| **Immunogen** | Synthesized peptide derived from the Internal region of human CD206. |
| **Host** | Rabbit |
| **Isotype** | IgG |
| **Purification** | Affinity purification |
| **Conjugation** | Unconjugated |
| **Formulation** | PBS with 0.02% sodium azide, 0.5% protective protein and 50% glycerol, pH7.4 |

| Applications | Recommended Dilution |
|---|---|
| **WB** | 1:500-1:2000 |
| **IHC** | 1:100-1:300 |
| **ELISA** | 1:5000-1:10000 |

## Data




Western Blot analysis of NIH-3T3 cells with CD206 Polyclonal Antibody.
**Observed Mw:170kDa**
**Calculated Mw:166kDa**




Immunohistochemistry of paraffin-embedded Human heart tissue using CD206 Polyclonal Antibody at dilution of 1:200.

## Preparation & Storage

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|---|---|
| **Storage** | Store at -20℃. Avoid freeze / thaw cycles. |

## Background

The recognition of complex carbohydrate structures on glycoproteins is an important part of several biological processes, including cell-cell recognition, serum glycoprotein turnover, and neutralization of pathogens. The protein encoded by this gene is a type I membrane receptor that mediates the endocytosis of glycoproteins by macrophages. The protein has been shown to bind high-mannose structures on the surface of potentially pathogenic viruses, bacteria, and fungi so that they can be neutralized by phagocytic engulfment.