

## CD284 Polyclonal Antibody

catalog number: E-AB-30816

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

### Description

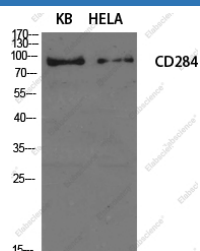
|                     |                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------|
| <b>Reactivity</b>   | Human;Mouse                                                                                                 |
| <b>Immunogen</b>    | Synthesized peptide derived from the Internal region of human CD284.                                        |
| <b>Host</b>         | Rabbit                                                                                                      |
| <b>Isotype</b>      | Rabbit IgG                                                                                                  |
| <b>Purification</b> | Affinity purification                                                                                       |
| <b>Buffer</b>       | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer, 0.5% protein protectant and 50% glycerol. |

### Applications

### Recommended Dilution

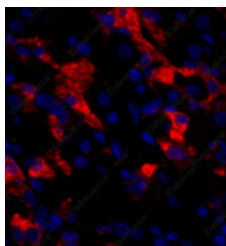
|            |              |
|------------|--------------|
| <b>WB</b>  | 1:500-1:2000 |
| <b>IHC</b> | 1:100-1:300  |
| <b>IF</b>  | 1:50-1:200   |

### Data

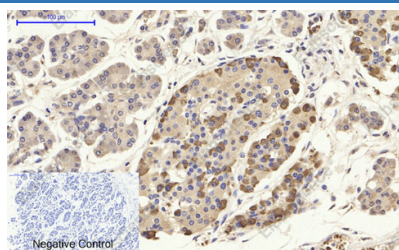


Western Blot analysis of KB, Hela cells using CD284 Polyclonal Antibody at dilution of 1:1000.

**Observed-MW:95 kDa**  
**Calculated-MW:96 kDa**



Immunofluorescence analysis of Human stomach tissue using CD284 Polyclonal Antibody at dilution of 1:200.



Immunohistochemistry of paraffin-embedded Human stomach cancer tissue using CD284 Polyclonal Antibody at dilution of 1:200.

### Preparation & Storage

|                 |                                                                                                          |
|-----------------|----------------------------------------------------------------------------------------------------------|
| <b>Storage</b>  | Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.                                          |
| <b>Shipping</b> | The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended. |

### Background

#### For Research Use Only

Toll-free: 1-888-852-8623  
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Rev. V1.8

The protein encoded by this gene is a member of the Toll-like receptor (TLR) family which plays a fundamental role in pathogen recognition and activation of innate immunity. TLRs are highly conserved from *Drosophila* to humans and share structural and functional similarities. They recognize pathogen-associated molecular patterns that are expressed on infectious agents, and mediate the production of cytokines necessary for the development of effective immunity. The various TLRs exhibit different patterns of expression. This receptor has been implicated in signal transduction events induced by lipopolysaccharide (LPS) found in most gram-negative bacteria. Mutations in this gene have been associated with differences in LPS responsiveness. Multiple transcript variants encoding different isoforms have been found for this gene.