



## Toll Like Receptor 2, NT (TLR2, CD282)

### Catalog number

T8050-17F

### Supplier

United States Biological

Toll Like Receptor 2 (TLR2) is a 90kD type 1 transmembrane protein that is primarily expressed by peripheral blood monocytes. TLR2 is also expressed in the spleen, bone marrow and lymph nodes. TLR2 is reported to respond to a diverse range of bacterial cell wall components, mediating the innate immune response in co-operation with MD-2.

### Applications:

Suitable for use in Western Blot and Immunohistochemistry. Other applications not tested.

### Recommended Dilutions

Western Blot: 1ug/ml; Detected a band of ~100kD in A-20 cell lysates.

Immunohistochemistry (Paraffin): 2ug; Requires antigen retrieval using heat treatment prior to staining paraffin sections. Sodium citrate buffer, pH 6.0 is recommended.

Optimal dilutions to be determined by the researcher.

### Positive Control

Human spleen

### Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

### Immunogen

Peptide corresponding to an 14aa sequence near the N-terminus of human TLR2.

### Formulation

Supplied as a liquid in PBS, 0.02% sodium azide.

### Purity

Purified by Ion Exchange chromatography from whole serum.

### Specificity

Recognizes human Toll Like Receptor 2, NT. Species Crossreactivity: mouse and equine

### Product Type

Pab

### Source

human

### Isotype



IgG

**Grade**

Highly Purified

**Applications**

IHC WB

**Crossreactivity**

Eq Hu Mo

**Storage**

-20°C

**Reference**

1. Vogel, S.N., et al (2003) Mol. Interv. 3:466-77. 2. Takeda, K., et al (2003) Annu. Rev. Immunol. 21:335-76. 3. Janeway, C.A., et al (2002) Annu. Rev. Immunol. 20:197-216. 4. O'Neill, L.A.J, et al (2003) Trends in Imm. 24:286-9.