



POLYCLONAL ANTIBODY

For research use only. Not for clinical diagnosis.

Catalog No. THU-A-TLR9

Anti porcine TLR9

| | |
|----------------------|---|
| Product type | Primary antibodies |
| Host | Rabbit |
| Source | Serum |
| Form | Liquid PBS (pH7.4) with 0.1% NaN ₃ as a preservative Immunogen affinity purified |
| Volume | 50 ul |
| Concentration | 0.83 mg/ml |
| Specificity | Porcine TLR9 |
| Antigen | Amino acids 267-283 of porcine Toll like receptor 9 |
| Isotype | IgG |

Application notes WB, IHC, IP, ELISA, FC

Recommended use

Recommended dilutions

Western Blot: 1/500-1/1,000. Predicted molecular weight: 113kDa a

Immunohistochemistry: 1/1,000-1/2,000

Immunoprecipitation: 1/100-1/500

ELISA: 1/1,000

Flow cytometry: 1/1,000

Optimal dilutions/concentrations should be determined by the end user.

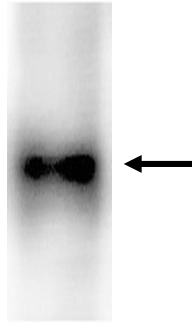
Staining Pattern

Cross reactivity Reacts with porcine. Not yet tested in other species.

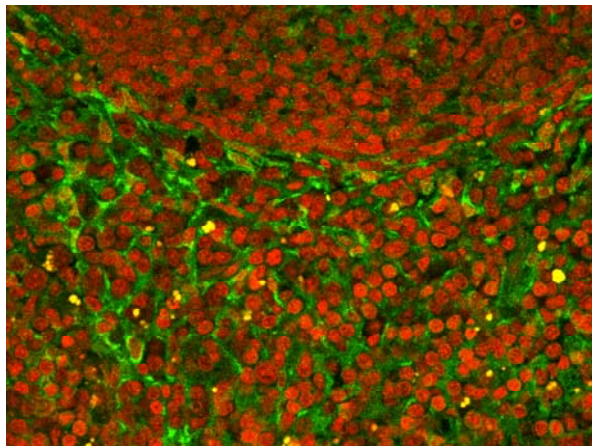
Storage Store below -20°C (below -70°C for prolonged storage). Aliquot to avoid cycles of freeze/thaw.

References 1) Shimosato, T., H. Kitazawa, S. Kato, R. Karima, Y. Tomioka, Y. Kawai, T. Hishinuma, S. Ueha, K. Matsushima and T. Saito: Swine Toll-like receptor 9 recognizes CpG motifs of human cell stimulant. *Biochim. Biophys. Acta*, 1627, 56-61 (2003).

2) Shimosato, T, M. Tohno, H. Kitazawa, S. Katoh, K. Watanabe, Y. Kawai, H. Aso, T. Yamaguchi and T. Saito: Toll-like receptor 9 is expressed on follicle-associated epithelia containing M cells in swine Peyer's patches. *Immunol Lett.*, 98, 83-89 (2005).



Western blot analysis of TLR9 protein expressed in mesenteric lymph nodes of adult porcine.



Localization of TLR9 in longitudinal section of peyer's patches of adult porcine.
Green: TLR9
Red: nuclei

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