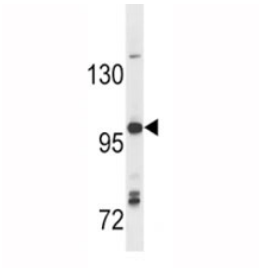
# Anti-TLR7 Antibody (F44379)

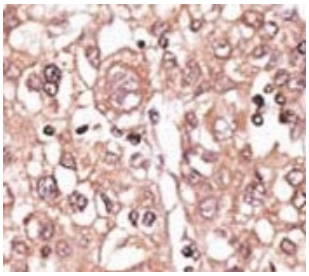
| Catalog No. | Formulation | Size |
|---|---|---|
| F44379-0.4ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.4 ml |
| F44379-0.08ML | In 1X PBS, pH 7.4, with 0.09% sodium azide | 0.08 ml |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human, Mouse |
| **Format** | Purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit Ig |
| **Purity** | Purified |
| **UniProt** | Q9NYK1 |
| **Applications** | Western blot: 1:1000<br>IHC (Paraffin): 1:50-1:100 |
| **Limitations** | This anti-TLR7 antibody is available for research use only. |




Anti-TLR7 antibody western blot analysis in Ramos lysate



IHC analysis of FFPE human hepatocarcinoma tissue stained with the anti-TLR7 antibody

## Description

Toll like receptor 7 is a key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific to microorganisms. TLR7 is a nucleotide-sensing TLR which is activated by single-stranded RNA. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response (By similarity). [UniProt]

## Application Notes

Titration of the anti-TLR7 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

## Immunogen

A portion of amino acids 98-128 from the human protein was used as the immunogen for this anti-TLR7 antibody.

## Storage

Aliquot the anti-TLR7 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.


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