

# Product Datasheet

## RFC4 Antibody (1C12) - Azide and BSA Free H00005984-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**H00005984-M01**

RFC4 Antibody (1C12) - Azide and BSA Free

**Product Information**

|                      |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 mg   |
| <b>Concentration</b> | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| <b>Storage</b>       | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.   |
| <b>Clonality</b>     | Monoclonal   |
| <b>Clone</b>         | 1C12   |
| <b>Preservative</b>  | No Preservative  |
| <b>Isotype</b>       | IgG2a Kappa  |
| <b>Purity</b>        | IgG purified   |
| <b>Buffer</b>        | In 1x PBS, pH 7.4  |

**Product Description**

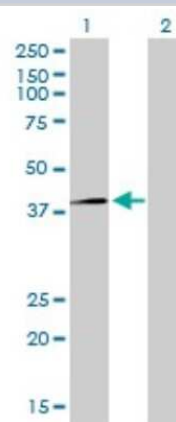
|                                |   |
|--------------------------------|---|
| <b>Description</b>             | Quality control test: Antibody Reactive Against Recombinant Protein.  |
| <b>Host</b>                    | Mouse   |
| <b>Gene ID</b>                 | 5984  |
| <b>Gene Symbol</b>             | RFC4  |
| <b>Species</b>                 | Human   |
| <b>Specificity/Sensitivity</b> | RFC4 - replication factor C (activator 1) 4, 37kDa  |
| <b>Immunogen</b>               | RFC4 (AAH17452, 254 a.a. ~ 363 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.<br>GKEITEKVITDIAGVIPAEKIDGVFAACQSGSFDKLEAVVKDLIDEGHAATQLVNC<br>LHDVVVENNLSKQKSIITEKLAEVDKCLADGADEHLQLISLCATVMQQLSQNC |
| <b>Notes</b>                   | This product is produced by and distributed for Abnova, a company based in Taiwan.  |

**Product Application Details**

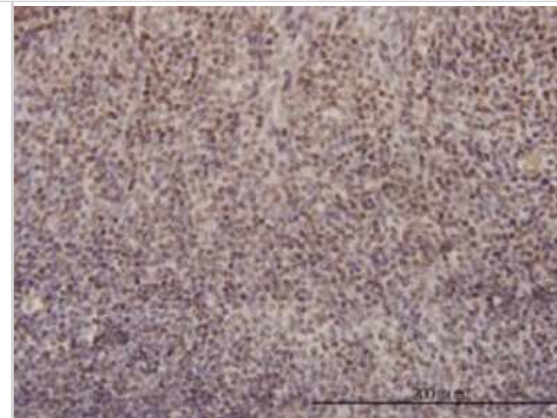
|                              |   |
|------------------------------|---|
| <b>Applications</b>          | Western Blot, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA, Knockdown Validated                       |
| <b>Recommended Dilutions</b> | Western Blot 1:500, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin, Sandwich ELISA, Knockdown Validated                 |
| <b>Application Notes</b>     | Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P, RNAi Validation and ELISA. |

**Images**

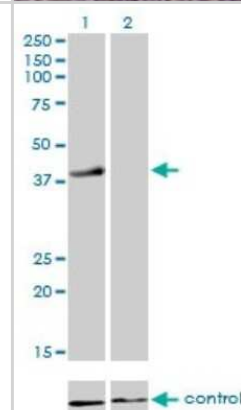
Western Blot: RFC4 Antibody (1C12) [H00005984-M01] - Analysis of RFC4 expression in transfected 293T cell line by RFC4 monoclonal antibody (M01), clone 1C12. Lane 1: RFC4 transfected lysate(39.7 KDa). Lane 2: Non-transfected lysate.



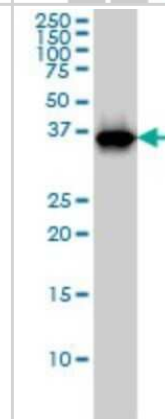
Immunohistochemistry-Paraffin: RFC4 Antibody (1C12) [H00005984-M01] - Analysis of monoclonal antibody to RFC4 on formalin-fixed paraffin-embedded human tonsil. Antibody concentration 3 ug/ml.



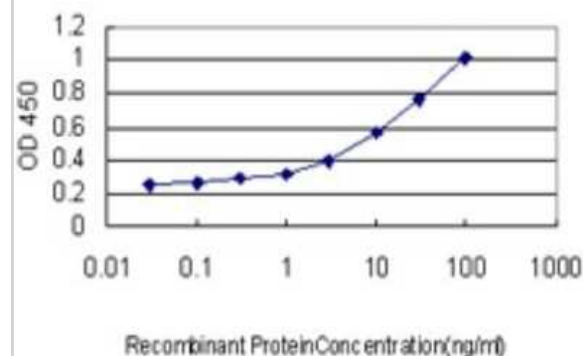
Western Blot: RFC4 Antibody (1C12) [H00005984-M01] - Analysis of RFC4 over-expressed 293 cell line, cotransfected with RFC4 Validated Chimera RNAi ( Cat # H00005984-R01V ) (Lane 2) or non-transfected control (Lane 1). Blot probed with RFC4 monoclonal antibody (M01), clone 1C12 (Cat # H00005984-M01 ). GAPDH ( 36.1 kDa ) used as specificity and loading control.



Western Blot: RFC4 Antibody (1C12) [H00005984-M01] - RFC4 monoclonal antibody (M01), clone 1C12 Analysis of RFC4 expression in K-562.



Sandwich ELISA: RFC4 Antibody (1C12) [H00005984-M01] - Detection limit for recombinant GST tagged RFC4 is approximately 0.3ng/ml as a capture antibody.





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### **Products Related to H00005984-M01**

|                    |   |
|--------------------|---|
| HAF007             | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B            | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP1-96981-0.5mg   | Mouse IgG2a Kappa Isotype Control (M2AK)                |
| H00005984-P01-10ug | Recombinant Human RFC4 GST (N-Term) Protein             |

### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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