

Product datasheet

Anti-CD40 antibody ab58612

1 Image

Overview

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|----------------------------|--|
| Product name | Anti-CD40 antibody |
| Description | Rabbit polyclonal to CD40 |
| Tested applications | Suitable for: IHC-P |
| Species reactivity | Reacts with: Mouse, Human Predicted to work with: Rat |
| Immunogen | A synthetic peptide derived from C terminal of human CD40. |
| Positive control | IHC-P: Human tonsil. |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. |
| Storage buffer | Preservative: 0.05% Sodium Azide Constituents: 0.2% BSA, PBS, pH 7.4 |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab58612** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

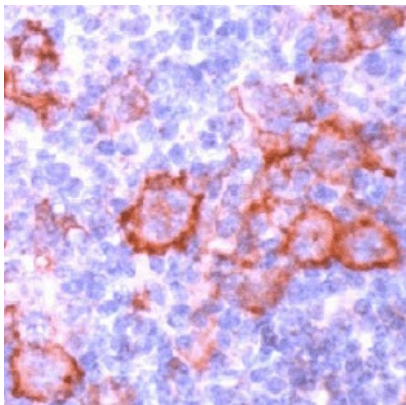
| Application | Abreviews | Notes |
|-------------|-----------|--|
| IHC-P | | 1/100. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. |

Target

| | |
|-----------------|-----------------------------|
| Function | Receptor for TNFSF5/CD40LG. |
|-----------------|-----------------------------|

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|-------------------------------|---|
| Tissue specificity | B-cells and in primary carcinomas. |
| Involvement in disease | Defects in CD40 are the cause of hyper-IgM immunodeficiency syndrome type 3 (HIGM3) [MIM:606843]; also known as hyper-IgM syndrome 3. HIGM3 is an autosomal recessive disorder which includes an inability of B cells to undergo isotype switching, one of the final differentiation steps in the humoral immune system, an inability to mount an antibody-specific immune response, and a lack of germinal center formation. |
| Sequence similarities | Contains 4 TNFR-Cys repeats. |
| Cellular localization | Secreted and Cell membrane. |

Images



ab58612, at 1/100 dilution, staining CD40 in formalin fixed Human tonsil tissue by Immunohistochemistry.

Immunohistochemistry (Formalin/PFA fixed sections) - CD40 antibody (ab58612)

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