

Product Datasheet

CD40/TNFRSF5 Antibody (A54 scFv) [Alexa Fluor® 350] NBP2-81101AF350

Unit Size: 0.1 ml

Store at 4C in the dark.

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NBP2-81101AF350

CD40/TNFRSF5 Antibody (A54 scFv) [Alexa Fluor® 350]

| Product Information | |
|-------------------------|--|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. |
| Clonality | Monoclonal |
| Clone | A54 scFv |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG Lambda |
| Conjugate | Alexa Fluor 350 |
| Purity | Protein A purified |
| Buffer | 50mM Sodium Borate |
| Product Description | |
| Host | Rabbit |
| Gene ID | 958 |
| Gene Symbol | CD40 |
| Species | Human |
| Specificity/Sensitivity | A54 binds specifically to the D1 domain of CD40/TNFRSF5 (and can only bind to the intact i.e. non-truncated version of CD40/TNFRSF5 and when an AD2 peptide tag has not been added) and can recognise CD40/TNFRSF5 on a B cell line (BJAB). This scFv binds to CD40/TNFRSF5 (immobilized by amine coupling) with a KD within the range of 40nM. CD40/TNFRSF5 is a glycoprotein of the TNFR superfamily and is expressed on all mature B cells, dendritic cells, activated monocytes, some endothelial cells and some epithelium including the thymus. CD40/TNFRSF5 binds to the membrane protein CD154 of the TNF superfamily and this interaction is required for the secondary immune responses and germinal centre formation. |
| Immunogen | A54 human anti-CD40/TNFRSF5 scFv was selected from the n-CoDeR phage display library after 4 rounds of selections using biotinylated CD40-Fcγ fusion protein as bait and subsequent capture of bound phages on streptavidin-coated magnetic beads. |



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| Product Application Details | |
|------------------------------------|--|
| Applications | ELISA, Functional, Immunocytochemistry/ Immunofluorescence, Block/Neutralize |
| Recommended Dilutions | ELISA, Immunocytochemistry/ Immunofluorescence, Functional, Block/Neutralize |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |



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Products Related to NBP2-81101AF350

| | |
|-------------------|--|
| NBP2-52199-0.05mg | Recombinant Mouse CD40/TNFRSF5 His Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| DCCD40 | CD40/TNFRSF5 [HRP] |
| M6000B-1 | IL-6 [HRP] |

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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