## OX40/CD134 Recombinant Monoclonal Antibody [BLR042F]

| 1                                  |        |   |  | , ·  | -   |                   |  |
|------------------------------------|--------|---|--|--|---|-------------------|--|
| Rabbit Recombinant Monoclonal      |        |   |  |  |   |                   |  |
| Purified                           |        | F   | Protein ID   | NP_003318.1  |   |                   |  |
| Catalog No. A700-042               |        |   | GenelD   | 7293   |   | RETHVI            |  |
| Lot No.                            | A700-0 | 042-1   |  |  |   | LABORATORIES, INC |  |
| APPLICATIONS                       |        | WB, IP, IHC, ICC, IHC-IF  |  |  |   |                   |  |
| SPECIES REACTIVITY                 |        | Human   |  |  |   |                   |  |
| AMOUNT                             |        | 100 µl (50+ tests)  |  |  |   |                   |  |
| CONCENTRATION                      |        | 50 μg/ml  |  |  |   |                   |  |
| STORAGE/SHELF LIFE                 |        | 2 – 8° C / 1 year from date of receipt  |  |  |   |                   |  |
| PHYSICAL STATE                     |        | Liquid  |  |  |   |                   |  |
| BUFFER                             |        | Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide  |  |  |   |                   |  |
| ISOTYPE                            |        | IgG   |  |  |   |                   |  |
| CLONE #                            |        | BLR042F   |  |  |   |                   |  |
| ORIGIN                             |        | USA   |  |  |   |                   |  |
| PRODUCTION<br>PROCEDURES           |        | Recombinant antibody was purified from cell culture supernatant.  |  |  |   |                   |  |
|                                    |        | Immunogen was a recombinant protein representing the extracellular domain of human OX40/CD134 (residues 29-216, NP_003318.1).   |  |  |   |                   |  |
| APPLICATIONS                       |        | Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use. |  |  |   |                   |  |
|                                    |        | Western Blot  | 1:   | 1000   |   |                   |  |
|                                    |        | Immunoprecipita   | ation 20   | ul/1mg lysate  |   |                   |  |
|                                    |        | Immunohistoche  |  | 100 to 1:500. Epitope retr<br>commended for FFPE tissu | rieval with citrate buffer pH6.0 is ue sections.        |                   |  |
|                                    |        | Immunocytocher  | ,  | 100 to 1:500. Epitope retr<br>commended for FFPE cell  | e retrieval with citrate buffer pH6.0 is cell sections. |                   |  |
|                                    |        | Immunofluoresce<br>(IHC)  |  | 100 to 1:500. Epitope retr<br>commended for FFPE tissu |   | uffer pH6.0 is    |  |
| IHC HUMAN CONTROLS Breast Carcinor |        |   | , Lung Carcinoma, Prostate Carcinoma, Tonsil, MJ Cells |  |   |                   |  |
| ADDITIONAL INFO                    |        | https://www.bethyl.com/product/A700-042<br>Use the link above to view SDS, a current list of citations, and other product specific information.                                 |  |  |   |                   |  |

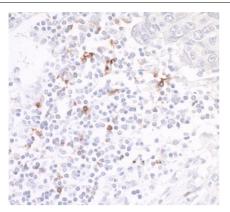
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Date: June 21, 2019

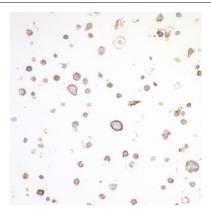
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Eric McIntush, PhD | Chief Scientific Officer

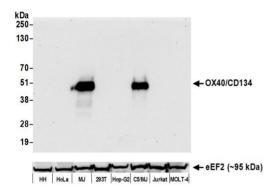
A700-042



Detection of human OX40/CD134 by immunohistochemistry. *Sample:* FFPE section of lung carcinoma. *Antibody:* Rabbit anti-OX40/CD134 recombinant monoclonal antibody [BLR042F] (A700-042 lot 1) used at 1:250. *Secondary:* HRP-conjugated goat antirabbit IgG (A120-501P). *Substrate:* DAB.

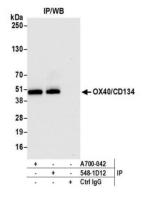


Detection of human OX40/CD134 by immunocytochemistry. *Sample:* FFPE section of MJ cells. *Antibody:* Rabbit anti-OX40/CD134 recombinant monoclonal antibody [BLR042F] (A700-042 lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



## Detection of human OX40/CD134 by western blot.

Samples: Whole cell lysate (50 µg) from HH, HeLa, MJ, HEK293T, Hep-G2, C5/MJ, Jurkat, and MOLT-4 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-OX40/CD134 recombinant monoclonal antibody [BLR042F] (A700-042 lot 1) used at 1:1000. *Secondary:* HRPconjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds. Lower panel: Rabbit anti-eEF2 (A301-688A).



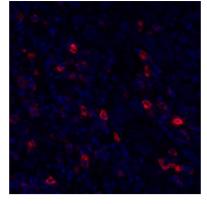
## Detection of human OX40/CD134 by western blot of

**immunoprecipitates.** *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from MJ cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-OX40/CD134 recombinant monoclonal antibody [BLR042F] (A700-042 lot 1) used for IP at 20 µl per reaction. OX40/CD134 was also immunoprecipitated by rabbit anti-OX40/CD134 recombinant monoclonal antibody [548-1D12]. For blotting immunoprecipitated OX40/CD134, A700-042 was used at 1:1000. Chemiluminescence with an exposure time of 30 seconds.

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Detection of human OX40/CD134 (red) by immunohistochemistry. *Sample:* FFPE section of human breast carcinoma. *Antibody:* Rabbit anti-OX40/CD134 recombinant monoclonal antibody [BLR042F] (A700-042 lot 1) used at 1:250. *Secondary:* HRP-conjugated goat antirabbit IgG (A120-501P). *Substrate:* Opal<sup>™</sup>. *Counterstain:* DAPI (blue).

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