

# CD73 Recombinant Monoclonal Antibody [BLR054F]

Rabbit Recombinant Monoclonal

Purified Protein ID NP\_002517.1  
Catalog No. A700-054 GeneID 4907  
Lot No. A700-054-1



**APPLICATIONS** WB, IHC, ICC, IHC-IF  
**SPECIES REACTIVITY** Human  
**AMOUNT** 100 µl (50+ tests)  
**CONCENTRATION** 100 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 #** BLR054F  
**ORIGIN** USA  
**PRODUCTION PROCEDURES** Recombinant antibody was purified from cell culture supernatant.  
Immunogen was a recombinant protein representing the extracellular domain of human CD73 (residues 27–552, NP\_002517.1) .

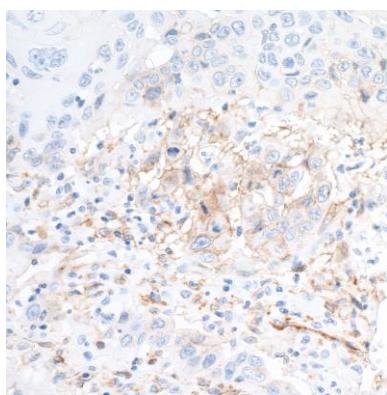
**APPLICATIONS** Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

Western Blot 1:1000  
Immunohistochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.  
Immunocytochemistry 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE cell sections.  
Immunofluorescence (IHC) 1:100 to 1:500. Epitope retrieval with citrate buffer pH6.0 is recommended for FFPE tissue sections.

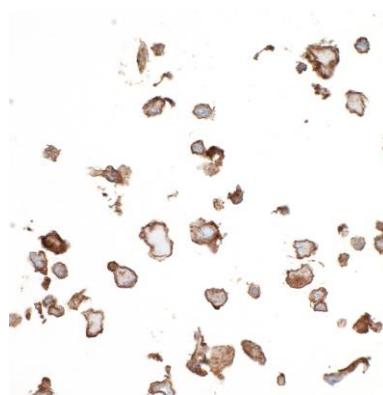
**IHC HUMAN CONTROLS** Head and Neck Squamous Cell Carcinoma, Lung Carcinoma, Tonsil, IMR-90 Cells, NCI-H226 Cells, OVCAR-8 Cells

**ADDITIONAL INFO** <https://www.bethyl.com/product/A700-054>  
Use the link above to view SDS, a current list of citations, and other product specific information.

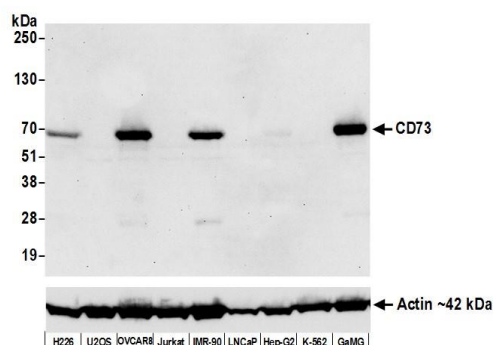
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Eric McIntush, PhD | Chief Scientific Officer Date: June 21, 2019



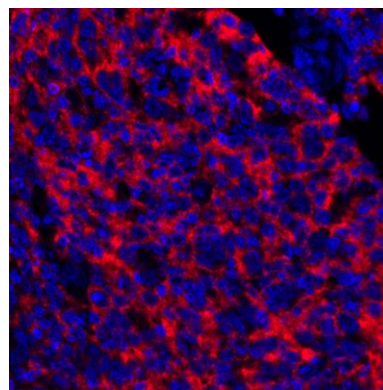
**Detection of human CD73 by immunohistochemistry.**  
*Sample:* FFPE section of human head and neck squamous cell carcinoma. *Antibody:* Rabbit anti-CD73 recombinant monoclonal antibody [BLR054F] (A700-054 lot 1) used at 1:500. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



**Detection of human CD73 by immunocytochemistry.**  
*Sample:* FFPE section of IMR-90 cells. *Antibody:* Rabbit anti-CD73 recombinant monoclonal antibody [BLR054F] (A700-054 lot 1) used at 1:100. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



**Detection of human CD73 by western blot.** *Samples:* Whole cell lysate (50  $\mu$ g) from NCI-H226, U2OS, OVCAR-8, Jurkat, IMR-90, LNCaP, Hep-G2, K-562, and GaMG cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-CD73 recombinant monoclonal antibody [BLR054F] (A700-054 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 30 seconds. Lower Panel: Rabbit anti-Actin recombinant monoclonal [BLR054F] (A700-057).



**Detection of human CD73 (red) by immunohistochemistry.** *Sample:* FFPE section of human tonsil. *Antibody:* Rabbit anti-CD73 recombinant monoclonal antibody [BLR054F] (A700-054 lot 1) used at 1:250. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* Opal™. *Counterstain:* DAPI (blue).