

CD45 Antibody

Rabbit Polyclonal

Antigen Affinity Purified

Protein ID P08575.2

Catalog No. A304-376A-M

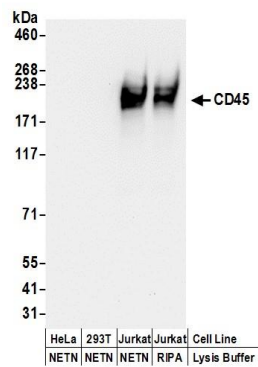
GeneID 5788

Lot No. A304-376A-M-1



APPLICATIONS	WB, IP, IHC, ICC-IF
SPECIES REACTIVITY	Human
AMOUNT	100 µl (10 blots)
CONCENTRATION	100 µg/ml
STORAGE/SHELF LIFE	2 – 8° C / 1 year from date of receipt
PHYSICAL STATE	Liquid
BUFFER	Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antibody was affinity purified using an epitope specific to CD45 immobilized on solid support. The epitope recognized by A304-376A-M maps to a region between residue 1254 to 1304 of human CD45 Molecule using the numbering given in entry P08575.2 (GeneID 5788).
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 Immunoprecipitation The antibody contained within A304-376A-M has been qualified for use in immunoprecipitation; however, we recommend using the alternative formulation of this antibody found as product A304-376A. Immunohistochemistry 1:100 – 1:1,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. Immunofluorescence (ICC) 1:100 – 1:500. Acetone or Formaldehyde fixation is recommended. Permeabilization with Triton-X 100 is recommended for formaldehyde-fixed cells.
APPLICATION NOTES	Western blot of immunoprecipitates performed using Normal Pig Serum (Cat. No. S100-020), Goat anti-Rabbit Light Chain HRP Conjugate (Cat. No. A120-113P) and 4-8% SDS-PAGE (link to IP-western blot protocol in Additional Info section below). Western blot of lysates performed using standard western blot reagents and 4-8% SDS-PAGE.
ADDITIONAL INFO	https://www.bethyl.com/product/A304-376A-M Use the link above to view SDS, a current list of citations, and other product specific information. IP-western blot protocol: https://www.bethyl.com/content/protocol_IP_WB

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 CD45 by western blot. *Samples:* Whole cell lysate (50 µg) prepared using NETN or RIPA buffer from HeLa, HEK293T, and Jurkat cells. *Antibody:* Affinity purified rabbit anti-CD45 antibody A304-376A-M used at 1:1000. *Detection:* Chemiluminescence with an exposure time of 30 seconds.