CD48 Monoclonal Antibody
CAB4084

Description

This CD48 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	CAB4084
Contents:	20 µL, 100 µL
	Bradford Reagent: 1 vial (2ml)
Category:	Monoclonal Antibody
Synonyms:	BCM1, BLAST, hCD48, mCD48, BLAST1, SLAMF2, MEM-102, CD48
Clone:	ARC53030
Applications:	WB FC ELISA
Conjugation:	Unconjugated
Reactivity:	Human, Mouse

Antibody Data

Gene ID:	962
Uniprot:	-
Host Species:	Rabbit
Purification:	Affinity purification
Observed MW:	46kDa
Calculated MW:	19kDa/27kDa

Preparation & Storage

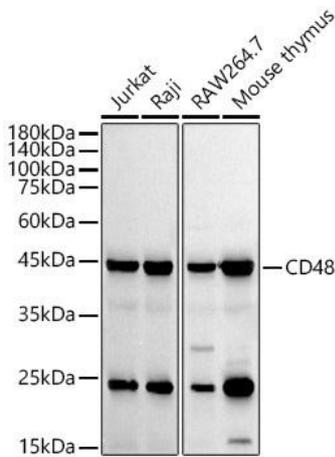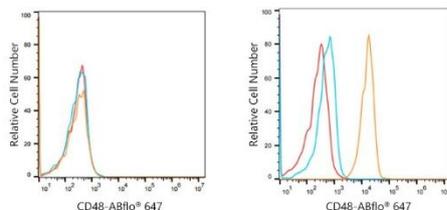|	
Storage:	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3. Store Bradford Reagent at Room Temperature for 1 Year.
Positive Sample:	Jurkat, Raji, RAW 264.7, Mouse thymus

Recommended Dilutions:

WB	1:2000 - 1:20000
FC	1:50 - 1:200
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol

Validation Data

Western blot analysis of various lysates, using Rabbit mAb (CAB4084) at 1:20000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.

Flow cytometry: 1X10^6 K-562 cells (negative control,left) and Daudi cells (right) were surface-stained with Rabbit mAb(CAB4084, 10 µg/mL orange line) or ABflo® 647 Rabbit IgG isotype control(CABC042, 10 µg/mL, blue line). Non-fluorescently stained cells were used as blank control (red line).