

**Manufacturer/Supplier:**

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**Product name:** Anti-Human CD48 Monoclonal  
Antibody(PE/Cyanine7 Conjugated)

**Catalog:** DL20791F

**Synonyms:** CD48 antigen, Cd48, BCM1 surface  
antigen, BLAST-1, HM48-1, MRC OX-45 surface  
antigen, SLAMF2, sgp-60, CD48

**Background:** CD48 is a 40-47 kD GPI-anchored membrane protein, also known as Blast-1 and HuLy-m3. It is a member of the CD2 family that contains 2 IgSF domains and is widely expressed on both resting and activated hematopoietic cells with the exception of granulocytes, platelets, and erythrocytes. CD48 binds to CD2 at a considerably (>100-fold) lower affinity than CD58. It is thought to contribute to T cell activation. The cytoplasmic tail of CD48 has been

shown to bind to the kinases Lck and Fyn.

**Form:** Liquid

**Isotype:** Mouse IgG1,  $\kappa$

**Size:** 20 Tests/50 Tests/100 Tests/200 Tests

**Host:** Mouse

**Reactivity:** Human

**Application:** FCM

**Concentration:**

**Conjugation:** PE/Cyanine7

**SwissProt:** P09326

**Buffer:** PBS with 0.05% Proclin300, 1% BSA

### Recommended Use:

Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. The amount of the reagent is suggested to be used 5  $\mu$ L of antibody per test (million cells in 100  $\mu$ l staining volume or per 100  $\mu$ l of whole blood). Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use.

### Storage:

Keep as concentrated solution.



Store at 2~8°C and protected from prolonged exposure to light. Do not freeze.

This product is guaranteed up to one year from purchase.