

**Antibody Data**

|                      |                 |               |               |
|----------------------|-----------------|---------------|---------------|
| <b>Product SKU:</b>  | <b>AGEL0697</b> | <b>Clone:</b> | <b>HM48-1</b> |
| <b>Applications:</b> | <b>FCM</b>      |               |               |
| <b>Reactivity:</b>   | <b>Mouse</b>    |               |               |

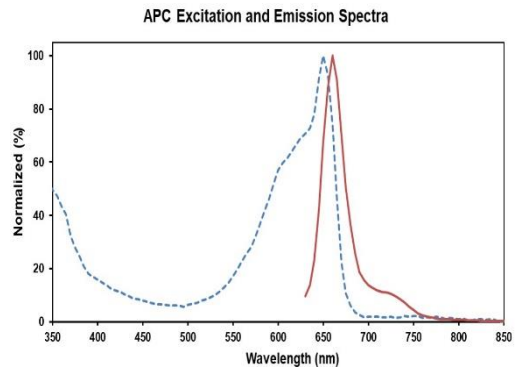
**Important Note:**

Centrifuge before opening to ensure complete recovery of vial contents.

**Product Information:**

**Alternate Names:** CD48 antigen;Cd48;BCM1 surface antigen;BLAST-1;HM48-1;MRC OX-45 surface antigen;SLAMF2;sgp-60;CD48;  
**Uniprot ID:** P18181  
**Background:** CD48 is a 45 kD GPI-anchored glycoprotein also known as BCM1, Blast-1 (human), and OX-45 (rat). It is a member of the Ig superfamily, expressed on T and B cells and monocytes/macrophages. It plays a role in adhesion and T cell recognition. The primary ligands for CD48 are CD2 and CD244.

**Form:** Liquid  
**Conjugation:** APC  
**Size:** 25µg, 100µg  
**Host Species:** Armenian Hamster  
**Isotype:** Armenian Hamster IgG



Ex:650 nm; Em:660 nm

**Isotype Control:** APC Armenian Hamster IgG Isotype Control[PIP] [Product AGEL0697]  
**Storage Buffer:** Phosphate buffered solution, pH 7.2, containing 0.09% stabilizer and 1% protein protectant.  
**Shipping:** Biological ice pack at 4°C

**Stability & Storage:** Keep as concentrated solution. Store at 2~8°C and protected from prolonged exposure to light. Do not freeze. Centrifuge before opening to ensure complete recovery of vial contents. This product is guaranteed up to one year from purchase.

**Recommended Usage:** Each lot of this antibody is quality control tested by flow cytometric analysis. Please check your vial before the experiment. Since applications vary, the appropriate dilutions must be determined for individual use. We suggest each investigator should titrate the reagent to obtain optimal results [The recommended concentration is 0.1-1 µg/10<sup>6</sup> cells in 100 µL volume].

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