

## 10-7011: Monoclonal Antibody to MLH1 (Clone:ABM17C1)

|                                |  |
|--------------------------------|--|
| <b>Clonality :</b>             | Monoclonal   |
| <b>Clone Name :</b>            | ABM17C1  |
| <b>Application :</b>           | FACS,WB  |
| <b>Reactivity :</b>            | Human  |
| <b>Gene :</b>                  | MLH1   |
| <b>Gene ID :</b>               | 4292   |
| <b>Uniprot ID :</b>            | P40692   |
| <b>Format :</b>                | Purified   |
| <b>Alternative Name :</b>      | COCA2, MutL  |
| <b>Isotype :</b>               | mouse IgG1,Kappa   |
| <b>Immunogen Information :</b> | A partial length recombinant MLH1 protein (amino acids 375-600) was used as the immunogen for this antibody. |

### Product Info

|                            |   |
|----------------------------|---|
| <b>Amount :</b>            | 25 µg / 100 µg  |
| <b>Purification :</b>      | Protein G Chromatography  |
| <b>Content :</b>           | 25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.                |
| <b>Storage condition :</b> | Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles. |

### Application Note

Western blot analysis: 4-6 µg/ml, Flowcytometric analysis: 2-4 µg/10<sup>6</sup> Cells

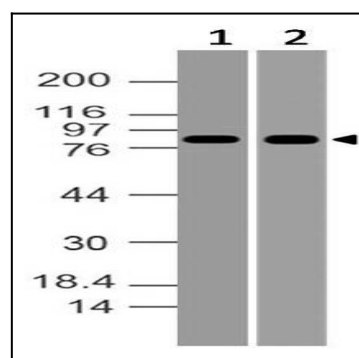


Figure-1: Western blot analysis of MLH1. Anti- MLH1 antibody (Clone: ABM17C1) was used at 4 µg/ml on (1) MCF-7 and (2) Raji lysates.

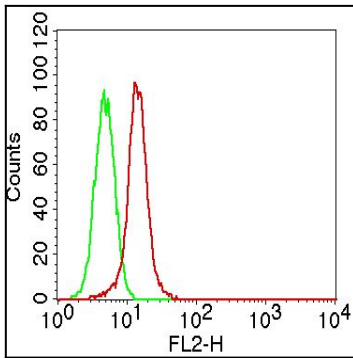


Figure-2: Intracellular flow cytometric analysis of MLH1 in A431 cells using 2  $\mu\text{g}/10^6$  cells of Anti-MLH1 (Clone: ABM17C1). Green represent isotype control and red represent Anti MLH1 antibody. PE conjugate Goat anti mouse IgG was used as secondary control