

## 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

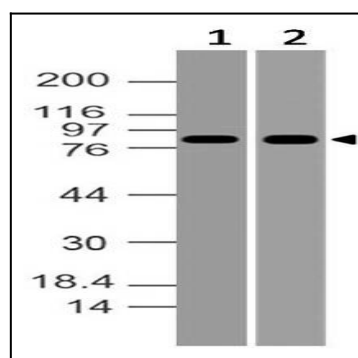


Figure-1: Western blot analysis of MLH1. Anti- MLH1 antibody (Clone: ABM17C1) was used at 4 µg/ml on (1) MCF-7 and (2) Raji lysates.

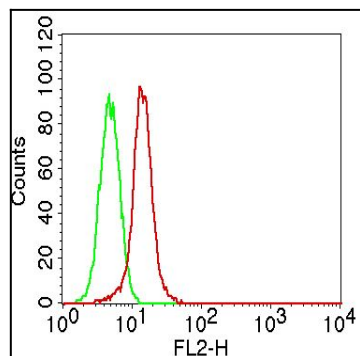


Figure-2: Intracellular flow cytometric analysis of MLH1 in A431 cells using  $2 \mu\text{g}/10^6$  cells of Anti-MLH1 (Clone: ABM17C1). Green represent isotype control and red represent Anti MLH1 antibody. PE conjugate Goat anti mouse IgG was used as secondary control