

## Mouse Monoclonal Antibody to XRCC6

<b>Catalogue Number</b>	sAP-1035
<b>Target Molecule</b>	<b>Name:</b> XRCC6 <b>Aliases:</b> ML8; KU70; TLAA; CTC75; CTCBF; G22P1 <b>MW:</b> 69.8kDa <b>Entrez Gene ID:</b> 2547
<b>Description</b>	The p70/p80 autoantigen is a nuclear complex consisting of two subunits with molecular masses of approximately 70 and 80 kDa. The complex functions as a single-stranded DNA-dependent ATP-dependent helicase. The complex may be involved in the repair of nonhomologous DNA ends such as that required for double-strand break repair, transposition, and V(D)J recombination. High levels of autoantibodies to p70 and p80 have been found in some patients with systemic lupus erythematosus.
<b>Immunogen</b>	Purified recombinant fragment of human XRCC6 (AA: 6-214) expressed in E. Coli.
<b>Recitative Species</b>	Human;
<b>Clone</b>	MM2F7F5;
<b>Size and Concentration</b>	100µg/1mg/ml
<b>Supplied as</b>	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
<b>Reconstitution/Storages</b>	Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage
<b>Applications</b>	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
<b>Shipping</b>	Regular FEDEX overnight shipment (ambient temperature)
<b>Reference</b>	1. Clin Cancer Res. 2013 Mar 15;19(6):1547-56.; 2. Mol Carcinog. 2012 Oct;51 Suppl 1:E183-90.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**