

Mouse Monoclonal Antibody to XRCC6

Catalogue Number	sAP-1047
Target Molecule	Name: XRCC6 Aliases: ML8; KU70; TLAA; CTC75; CTCBF; G22P1 MW: 69.8kDa Entrez Gene ID: 2547
Description	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.
Immunogen	Purified recombinant fragment of human XRCC6 (AA: 6-214) expressed in E. Coli.
Reactive Species	Human;
Clone	MM7A9E7;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	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 ender users! This product is sold for **Research Use Only**