



	Technical Data Sheet	
Product	Anti-Ku80 Antigen Purified	
Cat. Number/Size	11-496-C025	0.025 mg
	11-496-C100	0.1 mg
	For Research Use Only.	
	Not for use in diagnostic or therapeutic procedures.	
Antigen	Ku80 Antigen	
Clone	MEM-54	
Format	Purified	
Reactivity	Human	
Application	ICC, IP	
Application details	Immunocytochemistry: Recommended dilution: 2 µg/ml, PFA-fixation possible.	
Isotype	Mouse IgG2a	
Specificity	The antibody MEM-54 reacts with Ku80, a 80 kDa subunit of Ku autoantigen (heterodimer of 72 and 87 kDa intracellular polypeptides). Ku autoantigen is involved in DNA repair and in V(D)J recombination through its ability to bind DNA double-strand breaks.	
Other names	DNA helicase p80	
Immunogen	human whole T-lymphocytes	
Entrez Gene ID	7520	
Gene name	XRCC5	
NCBI Full Gene Name	X-ray repair cross complementing 5	
UniProt ID	P13010	
Concentration	1 mg/ml	
Preparation	Purified by protein-A affinity chromatography.	
Formulation	Phosphate buffered saline (PBS), pH 7.4, 15 mM sodium azide	
Storage and handling	Store at 2-8°C. Do not freeze.	
Images and References	www.exbio.cz	

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