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## Product Datasheet

### Mouse anti Estrogen Receptor alpha/ERalpha/ERS1, IgG1, Clone: [AER304], Monoclonal NMB-MUB2054P

Article Name	Mouse anti Estrogen Receptor alpha/ERalpha/ERS1, IgG1, Clone: [AER304], Monoclonal
Biozol Catalog Number	NMB-MUB2054P
Supplier Catalog Number	MUB2054P
Alternative Catalog Number	NMB-MUB2054P
Manufacturer	NordicMubio
Host	Mouse
Category	Antikörper
Application	ICC, IP, WB
Species Reactivity	Human
Product Description	Estrogen receptor (ER) is a hormone binding molecule, which belongs to the nuclear hormone family of intracellular receptors. Estrogen receptors exist as alpha and beta forms encoded by separate genes ESR1 and ESR2. ERalpha and ERbeta share a high de...
Clonality	Monoclonal
Clone Designation	[AER304]
Isotype	IgG1
UniProt	<a href="#">P03372</a>

Buffer	Each vial contains 500 µl 0.2 mg/ml purified monoclonal antibody in phosphated buffered saline (PBS) containing 50% glycerol + 0.2% bovine serum albumin (BSA) + 0.02% sodium azide.
Source	AER304 is a mouse monoclonal IgG1 antibody derived by fusion of Sp2/0-Ag14 mouse myeloma cells with splenocytes from a BALB/c mouse, immunized with estrogen receptor protein purified from calf uterus.
Formula	Each vial contains 500 µl 0.2 mg/ml purified monoclonal antibody in phosphated buffered saline (PBS) containing 50% glycerol + 0.2% bovine serum albumin (BSA) + 0.02% sodium azide.
Application Notes	The AER304 antibody is suitable for the detection of estrogen receptor alpha by western blotting, immunoprecipitation and immunocytochemistry. In western blotting, the antibody recognises a doublet of approximately 67 kDa in non-reducing conditions. Optimal antibody dilutions for the different applications should be determined by titration.