

**ARG56189**  
**anti-TOX3 antibody [TOX3/1123]**Package: 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [TOX3/1123] recognizes TOX3
Tested Reactivity	Hu
Tested Application	WB
Host	Mouse
Clonality	Monoclonal
Clone	TOX3/1123
Isotype	IgG2b, kappa
Target Name	TOX3
Species	Human
Immunogen	A recombinant fragment (139 amino acid residues around aa 200-400) from the human TOX3 protein.
Conjugation	Un-conjugated
Alternate Names	Trinucleotide repeat-containing gene 9 protein; TNRC9; TOX high mobility group box family member 3; CAG trinucleotide repeat-containing gene F9 protein; CAGF9

### Application Instructions

Application table	Application	Dilution
	WB	1 - 2 µg/ml
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	A431	
Observed Size	~ 53 kDa	

### Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA.
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Bioinformation

Database links	<a href="#">GeneID: 27324 Human</a> <a href="#">Swiss-port # O15405 Human</a>
Gene Symbol	TOX3
Gene Full Name	TOX high mobility group box family member 3
Background	The protein encoded by this gene contains an HMG-box, indicating that it may be involved in bending and unwinding of DNA and alteration of chromatin structure. The C-terminus of the encoded protein is glutamine-rich due to CAG repeats in the coding sequence. A minor allele of this gene has been implicated in an elevated risk of breast cancer. Two transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Apr 2009]
Function	Transcriptional coactivator of the p300/CBP-mediated transcription complex. Activates transactivation through cAMP response element (CRE) sites. Protects against cell death by inducing antiapoptotic and repressing pro-apoptotic transcripts. Stimulates transcription from the estrogen-responsive or BCL-2 promoters. Required for depolarization-induced transcription activation of the C-FOS promoter in neurons. Associates with chromatin to the estrogen-responsive C3 promoter region. [UniProt]
Calculated Mw	63 kDa
Cellular Localization	Cytoplasmic & nuclear

Images

