

## 10-7549: Monoclonal Antibody to TOX-3 (Clone: ABM44A1)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	ABM44A1
<b>Application :</b>	IHC,WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	TOX3
<b>Gene ID :</b>	27324
<b>Uniprot ID :</b>	O15405
<b>Format :</b>	Purified
<b>Alternative Name :</b>	TOX3,CAGF9,TNRC9
<b>Isotype :</b>	Mouse IgG1 Kappa
<b>Immunogen Information :</b>	A partial length recombinant TOX-3 protein (amino acids 232-442) was used as the immunogen for this antibody

### Description

TOX high mobility group box family member 3 (TOX-3) is a member of a subfamily of transcription factors that contains a High Mobility Group box (HMG-box), involved in bending and unwinding of DNA and alteration of chromatin structure. It has two transcript variants encoding different isoforms. TOX3 is expressed in estrogen receptor-positive mammary epithelial cells, including progenitor cells and highly expressed in luminal B breast cancers. Its over expression in human oligodendrocytes reduced cellular death under conditions mimicking Spinal cord injury (SCI).

### Product Info

<b>Amount :</b>	25 µg / 100 µg
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	25 µg in 50 µl/100 µg in 200 µl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly toxic.
<b>Storage condition :</b>	Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid repeated freeze and thaw cycles.

### Application Note

Western blot analysis: 2-4 µg/ml, Immunohistochemical analysis: 5 µg/ml

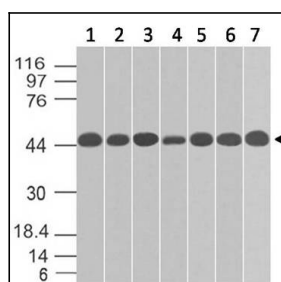


Fig-1: Western blot analysis of TOX-3. Anti-TOX-3 antibody (Clone: ABM44A1) was tested at 2 µg/ml on (1) PC3, (2) h Testis, (3) HCT-116, (4) h Lung, (5) h Brain, (6) MCF-7 and (7) U87 lysates.

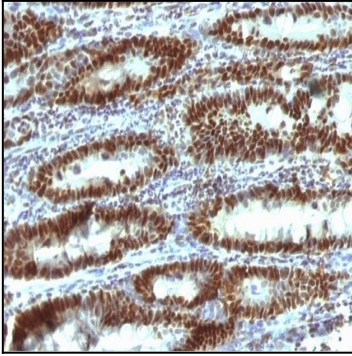


Fig-2 : Immunohistochemical analysis of TOX-3 in human stomach tissue using TOX-3 antibody (Clone: ABM44A1) at 5  $\mu$ g/ml.