

## 10-6588: Mouse Monoclonal Antibody to LOX (Center)(Clone: 624CT23.7.3)(Discontinued)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	624CT23.7.3
<b>Application :</b>	WB
<b>Reactivity :</b>	Human
<b>Gene :</b>	LOX
<b>Gene ID :</b>	4015
<b>Uniprot ID :</b>	P28300
<b>Format :</b>	Purified
<b>Alternative Name :</b>	Protein-lysine 6-oxidase, Lysyl oxidase, LOX
<b>Isotype :</b>	Mouse IgG2b
<b>Immunogen Information :</b>	Synthetic Peptide

### Description

The protein encoded by this gene is an extracellular copper enzyme that initiates the crosslinking of collagens and elastin. The enzyme catalyzes oxidative deamination of the epsilon-amino group in certain lysine and hydroxylysine residues of collagens and lysine residues of elastin. In addition to crosslinking extracellular matrix proteins, the encoded protein may have a role in tumor suppression. Defects in this gene are a cause of autosomal recessive cutis laxa type I (CL type I). Two transcript variants encoding different isoforms have been found for this gene.

### Product Info

<b>Amount :</b>	80 µl / 400 µl
<b>Purification :</b>	Protein G Chromatography
<b>Content :</b>	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
<b>Storage condition :</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

### Application Note

WB~1:100~500

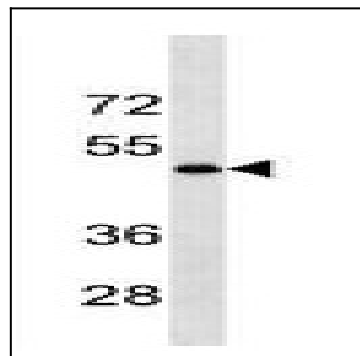


Figure 1: Western blot analysis of LOX Antibody (10-6588) in MDA-MB231 cell line lysates (35 $\frac{1}{4}$ g/lane). This demonstrates the LOX antibody detected the LOX protein.