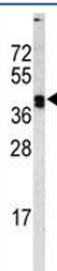


LOX Antibody / Lysyl Oxidase (F51539)

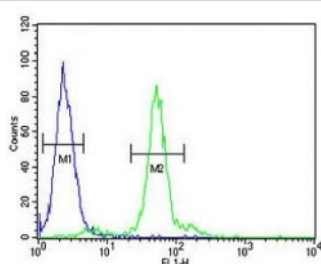
Catalog No.	Formulation	Size
F51539-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51539-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Pig
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P28300
Applications	Western Blot : 1:1000 Flow Cytometry : 1:10-1:50
Limitations	This LOX antibody is available for research use only.



Western blot analysis of LOX antibody and MDA-MB468 lysate. Expected molecular weight: ~47 kDa (unprocessed/unmodified), ~50 kDa (glycosylated), ~32 kDa (processed form).



LOX antibody flow cytometric analysis of 293 cells (green) compared to a [negative control](#) (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.

Description

LOX is responsible for the post-translational oxidative deamination of peptidyl lysine residues in precursors to fibrous collagen and elastin. In addition to cross-linking of extracellular matrix proteins, may have a direct role in tumor suppression. [UniProt]

Application Notes

Titration of the LOX antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 234-260 from the human protein was used as the immunogen for this LOX antibody.

Storage

Aliquot the LOX antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

References (1)