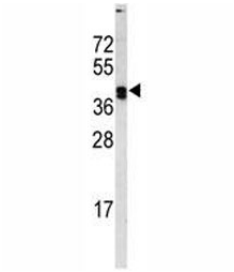
LOX Antibody / Lysyl Oxidase (F51539)

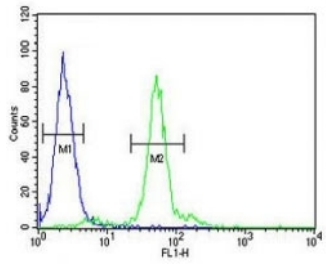
Catalog No.	Formulation	Size
F51539-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F51539-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Rat, Pig
Format	Antigen affinity purified
Host	Rabbit
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)

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