

## Product datasheet for **TA504250M**

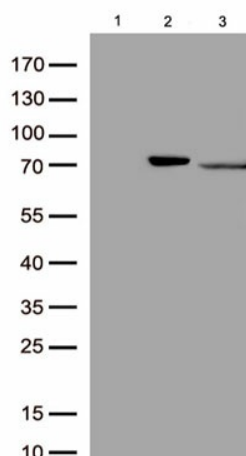
### **ALOX15 Mouse Monoclonal Antibody [Clone ID: OTI3G8]**

#### **Product data:**

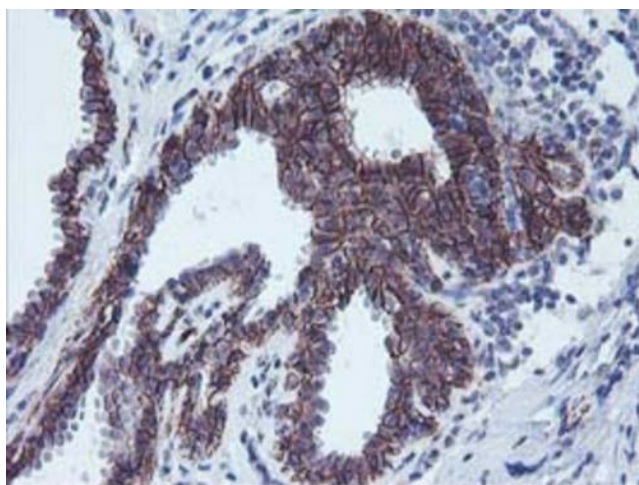
Product Type:	Primary Antibodies
Clone Name:	OTI3G8
Applications:	IF, IHC, WB
Recommended Dilution:	WB 1:500~2000, IHC 1:150, IF 1:100
Reactivity:	Human, Rat, Mouse
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ALOX15(NP_001131) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	74.6 kDa
Gene Name:	arachidonate 15-lipoxygenase
Database Link:	<a href="#">NP_001131</a> <a href="#">Entrez Gene 11687 Mouse</a> <a href="#">Entrez Gene 81639 Rat</a> <a href="#">Entrez Gene 246 Human</a> <a href="#">P16050</a>
Synonyms:	12-LOX; 15-LOX-1; 15LOX-1
Protein Families:	Druggable Genome
Protein Pathways:	Arachidonic acid metabolism, Linoleic acid metabolism, Metabolic pathways


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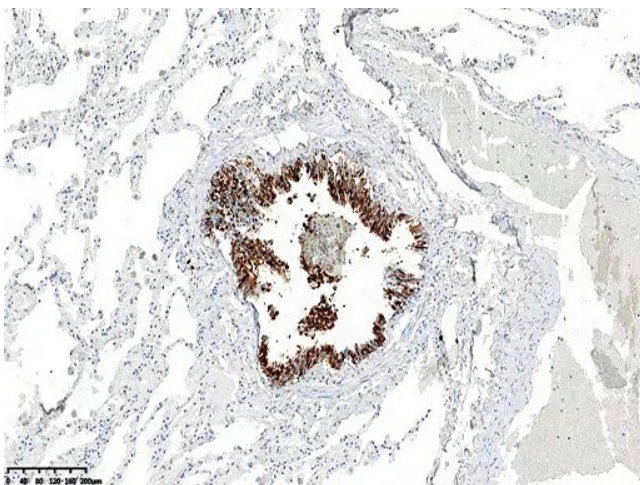
## Product images:



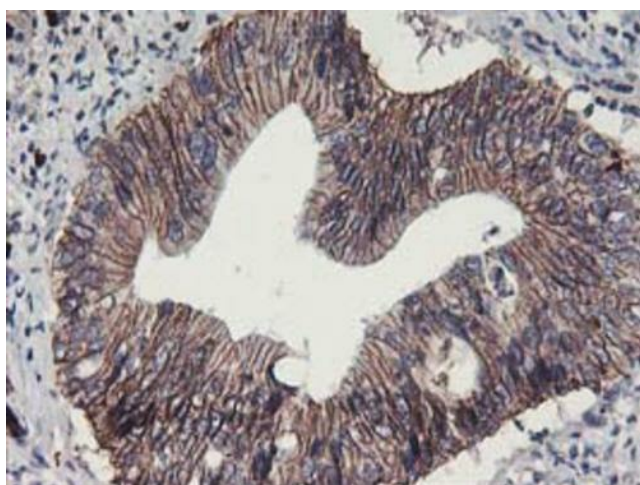
Western blot analysis of overexpressed lysates (15ug per lane) from HEK293T cells transfected with empty plasmid ([PS100001], lane 1), human ALOX15 plasmid ([RC206621], lane 2), mouse ALOX15 plasmid ([MR226258], lane 3) using anti-ALOX15 antibody [TA504250] (1:500).



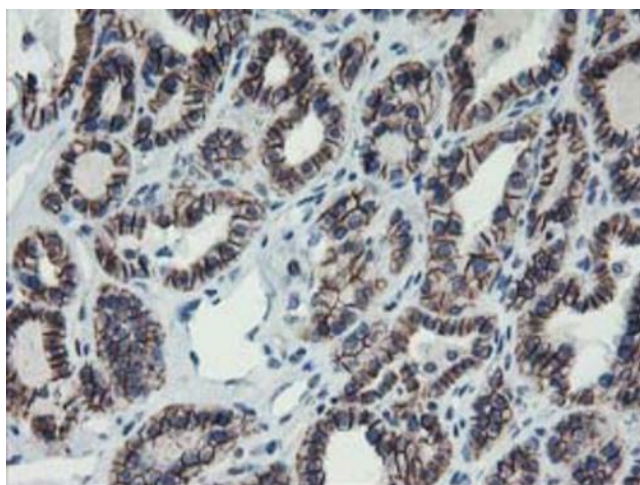
Immunohistochemical staining of paraffin-embedded Human breast tissue within the normal limits using anti-ALOX15 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded human lung tissue within the normal limits using anti-ALOX15 mouse monoclonal antibody ([TA504250]). Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3 minutes (1:150). Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

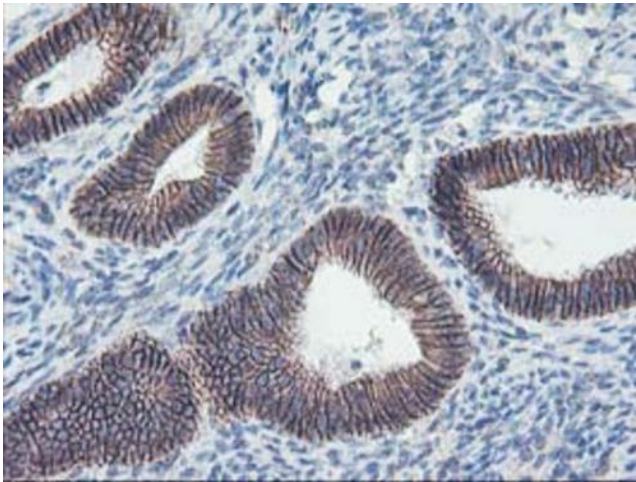


Immunohistochemical staining of paraffin-embedded Carcinoma of Human pancreas tissue using anti-ALOX15 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

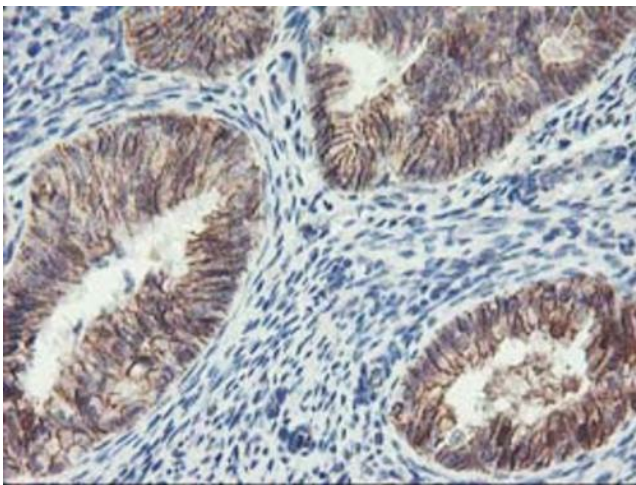


Immunohistochemical staining of paraffin-embedded Carcinoma of Human thyroid tissue using anti-ALOX15 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.

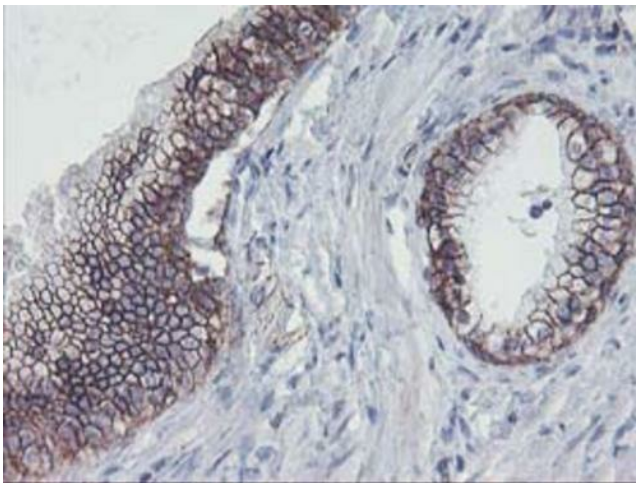




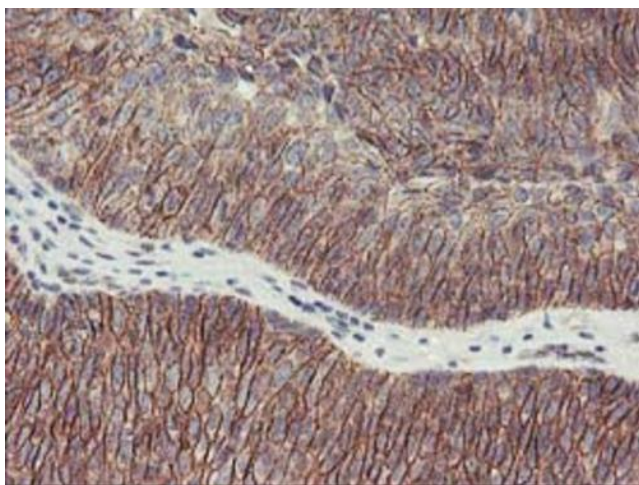
Immunohistochemical staining of paraffin-embedded Human endometrium tissue within the normal limits using anti-ALOX15 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



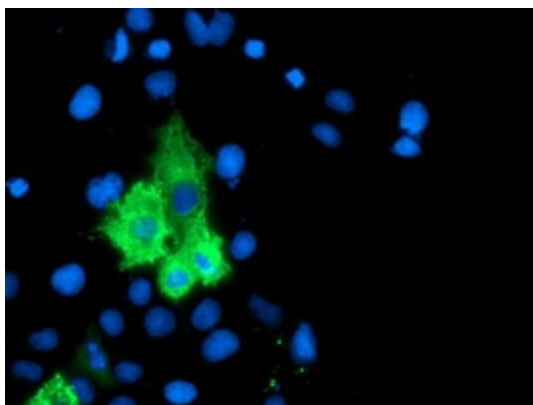
Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human endometrium tissue using anti-ALOX15 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-ALOX15 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Immunohistochemical staining of paraffin-embedded Carcinoma of Human bladder tissue using anti-ALOX15 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.



Anti-ALOX15 mouse monoclonal antibody ([TA504250]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ALOX15 ([RC206621]).