

## Product datasheet for **TA807718AM**

### 12 Lipoxygenase (ALOX12) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI1C3]

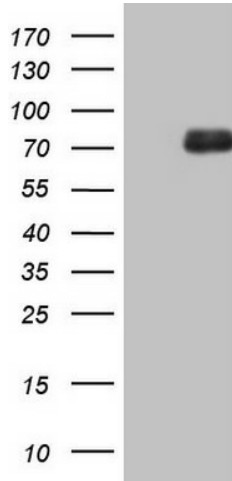
#### Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1C3
Applications:	IHC, WB
Recommended Dilution:	WB 1:2000, IHC 1:150
Reactivity:	Human, Mouse
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full length human recombinant protein of human ALOX12 (NP_000688) produced in HEK293T cell.
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.5 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Biotin
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	75.5 kDa
Gene Name:	arachidonate 12-lipoxygenase, 12S type
Database Link:	<a href="#">NP_000688</a> <a href="#">Entrez Gene 239 Human P18054</a>
Synonyms:	12-LOX; 12S-LOX; LOG12
Protein Families:	Druggable Genome
Protein Pathways:	Arachidonic acid metabolism, Metabolic pathways

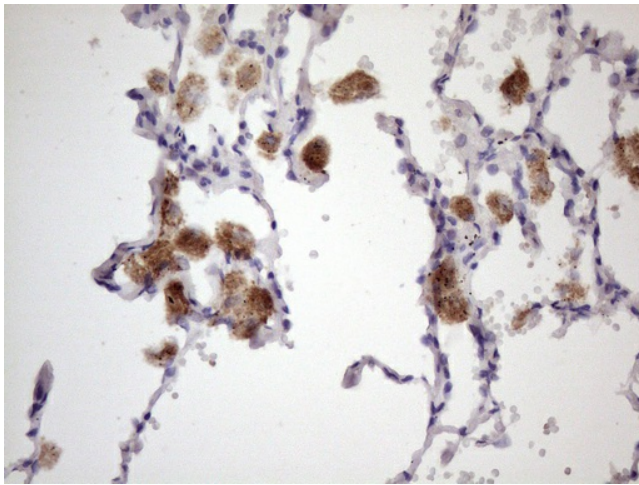


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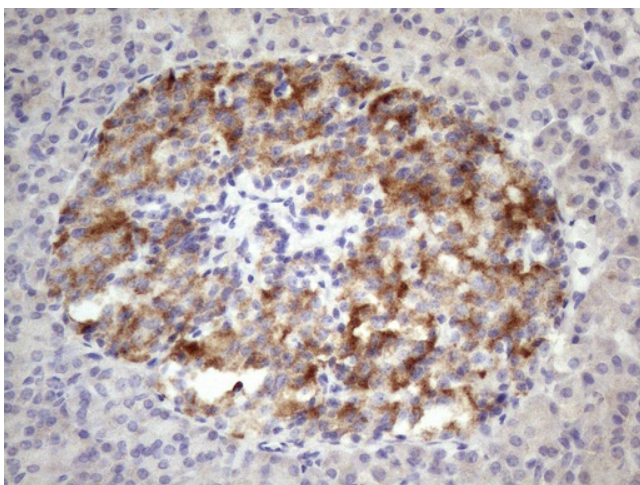
**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ALOX12 (Cat# [RC210211], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ALOX12 (Cat# [TA807718])(1:2000). Positive lysates [LY424567] (100ug) and [LC424567] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Human lung tissue within the normal limits using anti-ALOX12 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA807718]) (1:150)



Immunohistochemical staining of paraffin-embedded Human pancreas tissue within the normal limits using anti-ALOX12 mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris, pH8.5, 120°C for 3min, [TA807718]) (1:150)