

Product datasheet for **TA806854S**

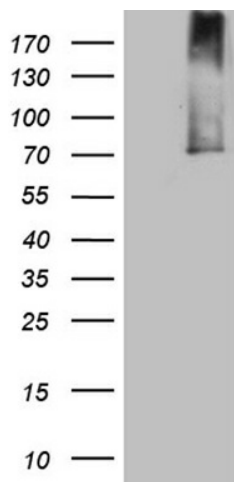
5 Lipoxygenase (ALOX5) Mouse Monoclonal Antibody [Clone ID: OTI1D6]

Product data:

Product Type:	Primary Antibodies
Clone Name:	OTI1D6
Applications:	WB
Recommended Dilution:	WB 1:500
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 18-364 of human ALOX5 (NP_000689) produced in E.coli.
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:	77.8 kDa
Gene Name:	arachidonate 5-lipoxygenase
Database Link:	NP_000689 Entrez Gene 11689 Mouse Entrez Gene 25290 Rat Entrez Gene 240 Human P09917
Synonyms:	5-LO; 5-LOX; 5LPG; LOG5
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 (Left lane) or pCMV6-ENTRY ALOX5 ([RC217259], 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-ALOX5 (1:500). Positive lysates [LY400234] (100ug) and [LC400234] (20ug) can be purchased separately from OriGene.