# Product datasheet for TA811630

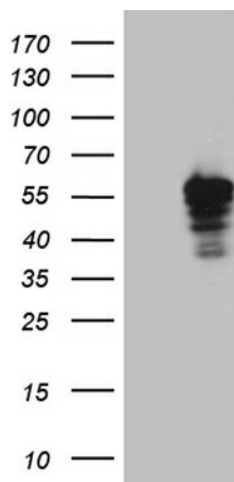## LSDP5 (PLIN5) Mouse Monoclonal Antibody [Clone ID: OTI3F2]

## Product data:

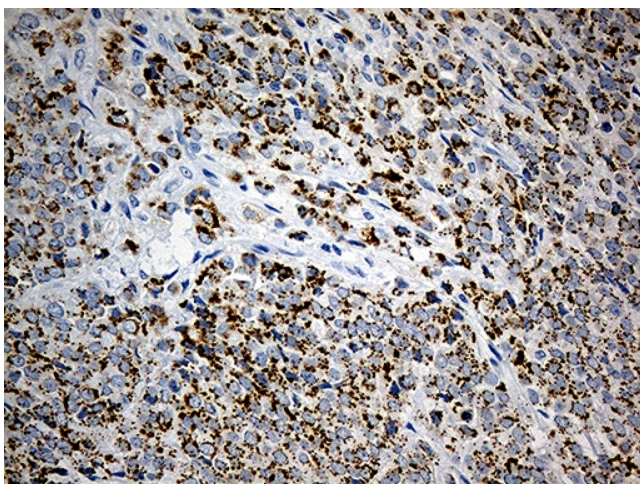| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Clone Name:** | OTI3F2 |
| **Applications:** | IHC, WB |
| **Recommended Dilution:** | WB 1:2000, IHC 1:500 |
| **Reactivity:** | Human |
| **Host:** | Mouse |
| **Isotype:** | IgG1 |
| **Clonality:** | Monoclonal |
| **Immunogen:** | Human recombinant protein fragment corresponding to amino acids 1-463 of human PLIN5 (NP_001013728) 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:** | 51.2 kDa |
| **Gene Name:** | perilipin 5 |
| **Database Link:** | NP_001013728<br>Entrez Gene 440503 Human<br>Q00G26 |
| **Background:** | Members of the perilipin family, such as PLIN5, coat intracellular lipid storage droplets and protect them from lipolytic degradation (Dalen et al., 2007 [PubMed 17234449]). [supplied by OMIM, Feb 2010] |
| **Synonyms:** | LSDA5; LSDP5; MLDP; OXPAT |

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## Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY PLIN5 (Cat# [RC224783], 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-PLIN5 (Cat# TA811630)(1:2000). Positive lysates [LY423024] (100ug) and [LC423024] (20ug) can be purchased separately from OriGene.



Immunohistochemical staining of paraffin-embedded Adenocarcinoma of Human breast tissue tissue using anti-PLIN5 mouse monoclonal antibody. Heat-induced epitope retrieval by EDTA solution buffer pH 8.0 at 120°C for 3 min.