# Product datasheet for CF804756

## Laminin 5 (LAMB3) Mouse Monoclonal Antibody [Clone ID: OTI8H5]

## Product data:

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|---|---|
| **Product Type:** | Primary Antibodies |
| **Clone Name:** | OTI8H5 |
| **Applications:** | WB |
| **Recommended Dilution:** | WB 1:2000 |
| **Reactivity:** | Human |
| **Host:** | Mouse |
| **Isotype:** | IgG1 |
| **Clonality:** | Monoclonal |
| **Immunogen:** | Human recombinant protein fragment corresponding to amino acids 940-1172 of human LAMB3 (NP_000219) produced in E.coli. |
| **Formulation:** | Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose) |
| **Reconstitution Method:** | For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific) |
| **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:** | 127.6 kDa |
| **Gene Name:** | laminin subunit beta 3 |
| **Database Link:** | NP_000219<br>Entrez Gene 3914 Human<br>Q13751 |
| **Synonyms:** | AI1A; BM600-125KDA; LAM5; LAMNB1 |
| **Protein Families:** | Druggable Genome, Secreted Protein |

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**Protein Pathways:**    ECM-receptor interaction, Focal adhesion, Pathways in cancer, Small cell lung cancer

## Product images:
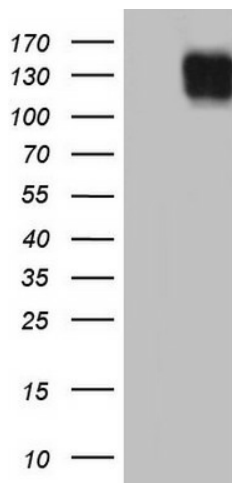


HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY LAMB3 ([RC215510], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-LAMB3. Positive lysates [LY424856] (100ug) and [LC424856] (20ug) can be purchased separately from OriGene.