

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for TA810368AM

PSMA7 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI8B11]

Product data:

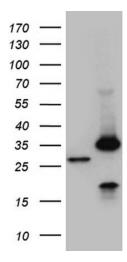
| Product Type: | Primary Antibodies |
|-------------------------|--|
| Clone Name: | OTI8B11 |
| Applications: | WB |
| Recommended Dilution: | WB 1:500~2000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| lsotype: | lgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Full length human recombinant protein of human PSMA7 (NP_002783) 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: | 27.7 kDa |
| Gene Name: | proteasome subunit alpha 7 |
| Database Link: | <u>NP_002783</u> <u>Entrez Gene 26444 MouseEntrez Gene 29674 RatEntrez Gene 5688 Human</u> <u>O14818</u> |
| Synonyms: | C6; HEL-S-276; HSPC; RC6-1; XAPC7 |
| Protein Families: | Druggable Genome, Protease |
| Protein Pathways: | Proteasome |



This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US



Product images:



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PSMA7 ([RC201169], 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-PSMA7 (1:2000). Positive lysates [LY400987] (100ug) and [LC400987] (20ug) can be purchased separately from OriGene.

| | A549 | MCF7 | 293T | HELA | A431 | RAJI | HEPG2 | K562 | COL0205 |
|-------------|------|------|------|-------------|------|------|-------|------|---------|
| | - | - | | 1000 | 1000 | - | - | - | |
| 170 <u></u> | | 100 | | 100 | | | | | |
| 100 | | 100 | | 100 | | | | | 100 |
| 70 — | | 1000 | - | | | | | | 100 |
| 55 — | | | | Dens | 1000 | 1000 | | | |
| 40 — | - | 100 | | 22 | | 1000 | | | - |
| 35 — | _ | | | | | - | | | |
| 25 — | | | in a | | | | | | - |
| | | | 1000 | | | | 100 | | 100 |
| 15 — | | | | | | 100 | m | | 100 |
| 10 — | | | | | | | | | |

Western blot analysis of extracts (35ug) from 9 different cell lines by using anti-PSMA7 monoclonal antibody (1:500).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2023 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US