

## Product datasheet for **TA500950S**

### Annexin A11 (ANXA11) Mouse Monoclonal Antibody [Clone ID: OTI1C6]

#### Product data:

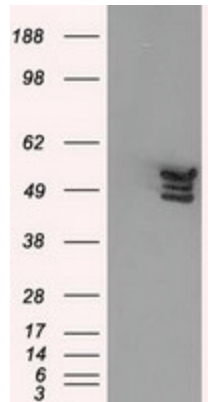
|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI1C6  |
| Applications:           | FC, IF, WB  |
| Recommended Dilution:   | IHC 1:100~200, WB: 1:200  |
| Reactivity:             | Human, Mouse, Rat   |
| Host:                   | Mouse   |
| Isotype:                | IgG1  |
| Clonality:              | Monoclonal  |
| Immunogen:              | Full length human recombinant protein of human ANXA11 (NP_001148) produced in HEK293T cell.   |
| 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: | 54.4 kDa  |
| Gene Name:              | annexin A11   |
| Database Link:          | <a href="#">NP_001148</a><br><a href="#">Entrez Gene 11744 Mouse</a> <a href="#">Entrez Gene 290527 Rat</a> <a href="#">Entrez Gene 311 Human</a><br><a href="#">P50995</a>   |
| Background:             | This gene encodes a member of the annexin family, a group of calcium-dependent phospholipid-binding proteins. Annexins have unique N-terminal domains and conserved C-terminal domains, which contain the calcium-dependent phospholipid-binding sites. The encoded protein is a 56-kD antigen recognized by sera from patients with various autoimmune diseases. Transcript variants encoding the same isoform have been identified. |



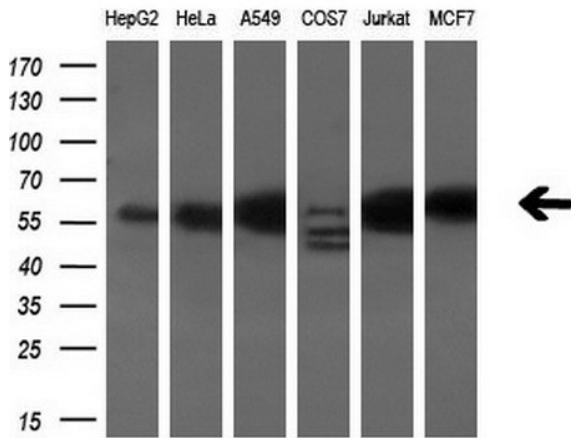
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Synonyms: ANX11; CAP50

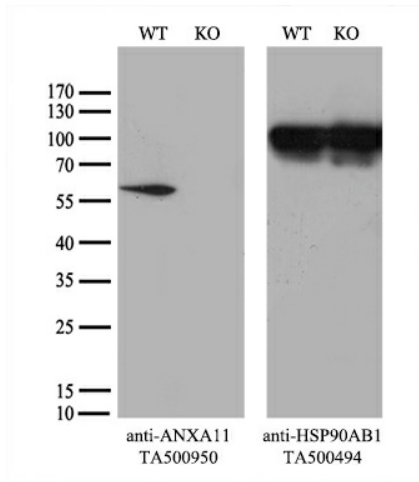
**Product images:**



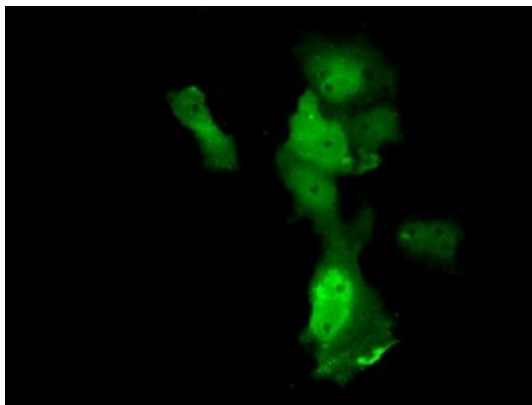
HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ANXA11 (Cat# [RC212191], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ANXA11 (Cat# [TA500950]). Positive lysates [LY420097] (100ug) and [LC420097] (20ug) can be purchased separately from OriGene.



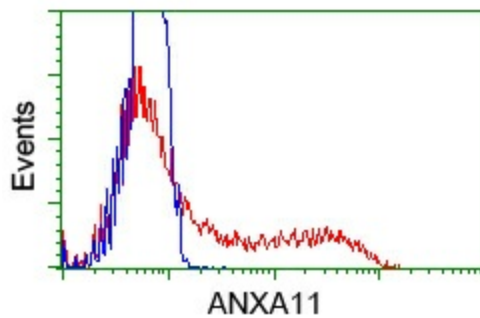
Western blot analysis of extracts (10ug) from 6 different cell lines by using anti-ANXA11 monoclonal antibody (1:200).



Equivalent amounts of cell lysates (10 ug per lane) of wild-type 293T cells (WT, Cat# LC810293T) and ANXA11-Knockout 293T cells (KO, Cat# [LC842105]) were separated by SDS-PAGE and immunoblotted with anti-ANXA11 monoclonal antibody [TA500950] (1:500). Then the blotted membrane was stripped and reprobed with anti-HSP90 antibody as a loading control.



Anti-ANXA11 mouse monoclonal antibody ([TA500950]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY ANXA11 ([RC212191]).



HEK293T cells transfected with either pCMV6-ENTRY ANXA11 ([RC212191]) (Red) or empty vector control plasmid (Blue) were immunostained with anti-ANXA11 mouse monoclonal ([TA500950]), and then analyzed by flow cytometry.