

## Mouse anti-Human ANO9 Monoclonal Antibody | anti-ANO9 antibody

ANO9 Mouse Monoclonal Antibody

|                               |                      |                            |                                                           |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|
| CATALOG #<br><b>AAA330090</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry, Western Blot</b> |
|-------------------------------|----------------------|----------------------------|-----------------------------------------------------------|

### PRODUCT SYNONYMS

ANO9; Monoclonal Antibody; ANO9 Mouse Monoclonal Antibody; Ano9; ANO9\_HUMAN; Anoctamin-9; p53-induced gene 5 protein; PIG5; TMEM16J; TP53I5; Transmembrane protein 16J; Tumor protein p53-inducible protein 5; anti-ANO9 antibody

### PRODUCT SPECIFICATIONS

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Reactivity                                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Clonality                                      | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Isotype                                        | Mouse IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Specificity                                    | ANO9 Antibody detects endogenous levels of total ANO9.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Purity/Purification                            | Affinity-chromatography.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Form/Format                                    | Mouse IgG1 in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Sequence                                       | MQGEESLRIL VEPEGDSFPL MEISTCETEA SEQWDYVLVA QRHTQRDPRQ ARQQQFLEEL RRGKFHIKVI RDQKQVFFGI RADNSVFGly RTLLLEPEGP APHAELAAPT TIPVTTSLRI RIVNFVMMNN KTSAGETFED LMKDGVFEAR FPLHKGEGR LKKTWARWRHM FREQPVDEIR NYFGEKVALY FVWLGWYTYM LVPAALTGLL VFLSGFSLFE ASQISKEICE AHDILMCPLG DHSRRYQRLS ETCTFAKLTH LFDNDGTVVF AIFMALWATV FLEIWKRQRA RVVLHWDLYV WDEEQEEMAL QLINCPDYKL RPYQHSYLSR TVILVLTLLM ICLMIGMAHV LVVYRVLASA LFSSSAVPFL EEQVTTAVVV TGALVHYVTI IIMTKINRCV ALKLCDFEMP RTFSERESRF TIRFFTLQFF THFSSLIYA FILGRINGHP GKSTRLAGLW KLEECHASGC MMDLFVQMAI IMGLKQTLN CVEYLPWVT HKCRSLRASE SGHLPRDPEL RDWRNRYLLN PVNTFSLFDE FMEMMIQYGF TTIFVAAPPL APLLALFSNL VEIRLDAIKM VWLQRRLVPR KAKDIGTWLQ VLETIGVLAV IANGMVIAFT SEFIPRVVYK YRYSPLKEG NSTVDCLKGY VNHSLSVFHT KDFQDPDGIE GSENVTLCRY RDYRNPPDYN FSEQFWLLA IRLAFVILFE HVALCIKLI AWFVPDIPQS VKNKVLEVKY QRLREKMWHG RQRLGGVGAG SRPPMPAAPT PASIFSARST DV |
| Applicable Applications for anti-ANO9 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Immunogen                                      | A synthesized peptide derived from human ANO9, corresponding to a region within the internal amino acids.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Conjugation                                    | Unconjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Preparation and Storage                        | Store at -20 degree C. Stable for 12 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |

IMAGES



**IHC (Immunohistochemistry)**  
AAA330090 at 1/100 staining human ovarian cancer by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-mouse antibody was used as the secondary antibody.



**WB (Western Blot)**  
Western blot analysis of extracts from various samples, using ANO9 Antibody(1:50k, exposure10s). Lane 1: A375 cells treated with blocking peptide, Lane 2: A375 cells, Lane 3: COLO205 cells, Lane 4: K562 cells.

ADDITIONAL INFORMATION

|                                                    |                                                  |
|----------------------------------------------------|--------------------------------------------------|
| Related Product Information for anti-ANO9 antibody | May act as a calcium-activated chloride channel. |
| Product Categories/Family for anti-ANO9 antibody   | Primary antibodies                               |

NCBI AND UNIPROT INFORMATION

|                     |                        |
|---------------------|------------------------|
| NCBI GeneID         | 338440                 |
| UniProt Accession # | A1A5B4                 |
| Molecular Weight    | 90kD; 90kD(Calculated) |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ano9-antibody-immunohistochemistry-western-blot-elisa/330090>