# WFDC2 monoclonal antibody, clone AOEG-23

Catalog # MAB20133 Size 100 uL

## Specification

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| **Product Description** | Rabbit monoclonal antibody raised against synthetic peptide of human WFDC2. |
| **Immunogen** | A synthetic peptide corresponding to human WFDC2. |
| **Host** | Rabbit |
| **Theoretical MW (kDa)** | 12.993 |
| **Reactivity** | Human |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Immunocytochemistry (1:50-1:200)<br>Immunofluorescence (1:50-1:200)<br>Immunohistochemistry (1:50-1:200)<br>Immunoprecipitation (1:50)<br>Western Blot (1:500-1:2000)<br>The optimal working dilution should be determined by the end user. |
| **Storage Buffer** | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide). |
| **Storage Instruction** | Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |
| **Note** | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only. |

## Applications

- Western Blot
- Immunohistochemistry

- Immunocytochemistry
- Immunofluorescence
- Immunoprecipitation

## Gene Info — WFDC2

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| **Entrez GeneID** | 10406 |
| **Protein Accession#** | Q14508 |
| **Gene Name** | WFDC2 |
| **Gene Alias** | HE4, MGC57529, WAP5, dJ461P17.6 |
| **Gene Description** | WAP four-disulfide core domain 2 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This gene encodes a protein that is a member of the WFDC domain family. The WFDC domain, or WAP Signature motif, contains eight cysteines forming four disulfide bonds at the core of the pr otein, and functions as a protease inhibitor in many family members. This gene is expressed in pu lmonary epithelial cells, and was also found to be expressed in some ovarian cancers. The encod ed protein is a small secretory protein, which may be involved in sperm maturation. [provided by R efSeq |
| **Other Designations** | OTTHUMP00000031141\|WAP domain containing protein HE4-V4\|epididymal secretory protein E4\|epididymis-specific, whey-acidic protein type, four-disulfide core\|major epididymis-specific pr otein E4 |