

Product datasheet for **CF811549**

HOXA3 Mouse Monoclonal Antibody [Clone ID: OTI8C5]

Product data:

| | |
|-------------------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI8C5 |
| Applications: | WB |
| Recommended Dilution: | WB 1:500~2000 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Mouse |
| Isotype: | IgG1 |
| Clonality: | Monoclonal |
| Immunogen: | Human recombinant protein fragment corresponding to amino acids 40-276 of human HOXA3 (NP_109377) 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) |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Gene Name: | Homo sapiens homeobox A3 (HOXA3), transcript variant 1, mRNA. |
| Database Link: | NP_109377 Entrez Gene 15400 Mouse Entrez Gene 103690130 Rat Entrez Gene 3200 Human |
| Background: | In vertebrates, the genes encoding the class of transcription factors called homeobox genes are found in clusters named A, B, C, and D on four separate chromosomes. Expression of these proteins is spatially and temporally regulated during embryonic development. This gene is part of the A cluster on chromosome 7 and encodes a DNA-binding transcription factor which may regulate gene expression, morphogenesis, and differentiation. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2008] |



[View online »](#)

Synonyms: HOX1; HOX1E

Protein Families: Transcription Factors

Product images:

