# Product datasheet for TA500099AM

## Hex (HHEX) Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI3F4 1B1]

## Product data:

| | |
|---|---|
| **Product Type:** | Primary Antibodies |
| **Clone Name:** | OTI3F4 1B1 |
| **Applications:** | IF |
| **Recommended Dilution:** | WB: 110000, IF (1:100) |
| **Reactivity:** | Human, Mouse, Rat |
| **Host:** | Mouse |
| **Isotype:** | IgG2b |
| **Clonality:** | Monoclonal |
| **Immunogen:** | Recombinant fragment expressed in E.coli corresponding to amino acids 100-270 of human Hex |
| **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:** | 29.8 kDa (experimental 44 kDa) |
| **Gene Name:** | hematopoietically expressed homeobox |
| **Database Link:** | NP_002720<br>Entrez Gene 15242 Mouse Entrez Gene 79237 Rat Entrez Gene 3087 Human<br>Q03014 |
| **Background:** | Hex is a member of the homeobox family of transcription factors, many of which are involved in developmental processes. Expression in specific hematopoietic lineages suggests that this protein may play a role in hematopoietic differentiation. |
| **Synonyms:** | HEX; HMPH; HOX11L-PEN; PRH; PRHX |
| **Protein Families:** | Druggable Genome, Transcription Factors |

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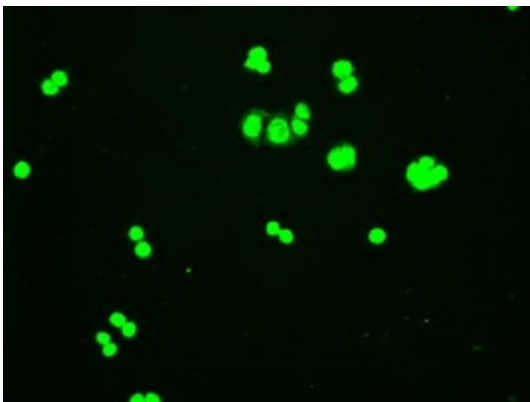**Protein Pathways:**     Maturity onset diabetes of the young

## Product images:
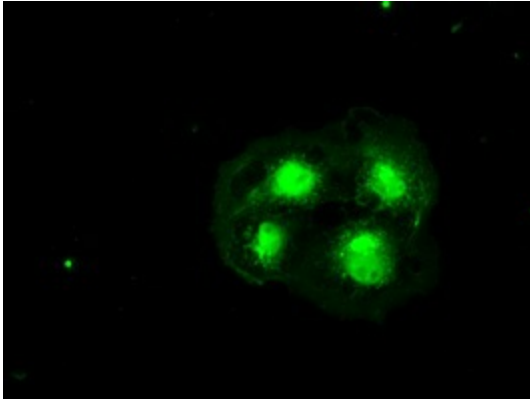


Anti-HHex mouse monoclonal antibody ([TA500099]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY HHex ([RC204815]).
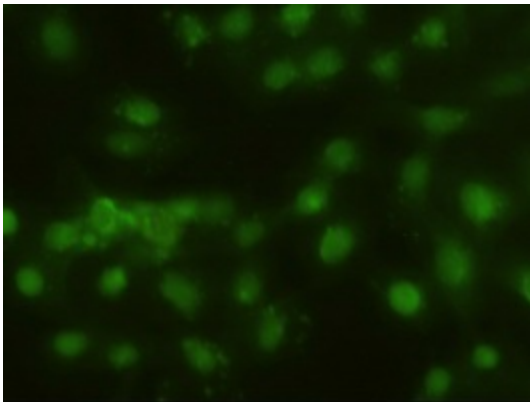


Immunofluorescent staining of HeLa cells using anti-HHex mouse monoclonal antibody ([TA500099]).



Immunofluorescent staining of HT29 cells using anti-HHex mouse monoclonal antibody ([TA500099]).