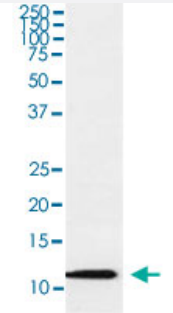
# TXN2 monoclonal antibody, clone AEGD-20

Catalog # MAB22256 Size 100 uL

## Applications




### Western Blot (Cell lysate)

Western blot analysis of Raji cell lysate.

## Specification

| | |
|---|---|
| **Product Description** | Rabbit monoclonal antibody raised against synthetic peptide of human TXN2. |
| **Immunogen** | A synthetic peptide corresponding to human TXN2. |
| **Host** | Rabbit |
| **Reactivity** | Human |
| **Specificity** | The antibody reacts with human TXN2, in native form and recombinant. Superfamily members of TX N2 are not reactive to this antibody. |
| **Form** | Liquid |
| **Purification** | Affinity purification |
| **Isotype** | IgG |
| **Recommend Usage** | Flow Cytometry (1:100)<br>Immunocytochemistry (1:50-1:200)<br>Immunofluorescence (1:50-1:200)<br>Immunohistochemistry (1:50-1:200)<br>Western Blot (1:1000-1:5000)<br>The optimal working dilution should be determined by the end user. |

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| | |
|---|---|
| **Storage Buffer** | In PBS, 150 mM NaCl, pH 7.4 (50% glycerol, 0.02% sodium azide). |
| **Storage Instruction** | Store at 4°C for short term storage. For long term storage store at -20°C.<br>Aliquot to 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

- Immunohistochemistry
- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Western Blot (Cell lysate)

  Western blot analysis of Raji cell lysate.

## Gene Info — TXN2

| | |
|---|---|
| **Entrez GeneID** | 25828 |
| **Protein Accession#** | Q99757 |
| **Gene Name** | TXN2 |
| **Gene Alias** | MT-TRX, MTRX, TRX2 |
| **Gene Description** | thioredoxin 2 |
| **Omim ID** | 609063 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | This nuclear gene encodes a mitochondrial member of the thioredoxin family, a group of small mul tifunctional redox-active proteins. The encoded protein may play important roles in the regulation of the mitochondrial membrane potential and in protection against oxidant-induced apoptosis. [pr ovided by RefSeq |
| **Other Designations** | mitochondrial thioredoxin |

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## Disease

- Alzheimer disease
- Breast cancer
- Breast Neoplasms
- Carcinoma
- Cognition
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Neoplasm Recurrence
- Neoplasms
- Neural Tube Defects
- Spinal Dysraphism

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