

TBX5 Monoclonal Antibody

Description

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|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-MCA1192 |
| Host | Mouse |
| Isotype | IgG |
| Size | 50ul, 100ul |
| Immunogen | Purified recombinant fragment of TBX5 expressed in E. Coli. |
| Mol wt | N/A |
| Species reactivity | Human |
| Clonality | Monoclonal |
| Recommended application | WB, ELISA |
| Concentration | 1 mg/ml |
| Full name | T-box transcription factor TBX5 |
| Synonyms | TBX5; T-box transcription factor TBX5; T-box protein 5 |

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene is a member of a phylogenetically conserved family of genes that share a common DNA-binding domain, the T-box. T-box genes encode transcription factors involved in the regulation of developmental processes. This gene is closely linked to related family member T-box 3 (ulnar mammary syndrome) on human chromosome 12. The encoded protein may play a role in heart development and specification of limb identity. Mutations in this gene have been associated with Holt-Oram syndrome, a developmental disorder affecting the heart and upper limbs. Several transcript variants encoding different isoforms have been described for this gene.

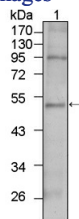
Recommended Dilution

ELISA: 1:10000

WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using TBX5 Monoclonal antibody against HepG2 cell lysate (1).

Storage

-20°C for one year