

Brachyury monoclonal antibody

Catalog: MB66718

Host: Mouse

Reactivity: Human, Mouse

BackGround:

Brachyury protein, encoded by the T gene, is a transcription factor that is vital for the formation of posterior mesoderm and axial development during vertebrate embryogenesis. In the mouse, brachyury is necessary for mesodermal morphogenetic cell movements during gastrulation. Brachyury mutant mice die in utero and display deficient mesoderm formation including an abnormal notochord, missing posterior somites, and a reduced allantois. Human brachyury is expressed in the notochord, as well as in chordoma tumors that occur along the spine, making it a good marker for notochord and notochord-derived tumors. A common polymorphism in the human T gene has also been shown to be associated with development of the multifactorial neural tube defect, spina bifida.

Product:

Mouse IgM. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~ 54 kDa

Swiss-Prot:

O15178

Purification&Purity:

This antibody is purified through a protein G column.

Applications:

WB (1/500 - 1/1000)

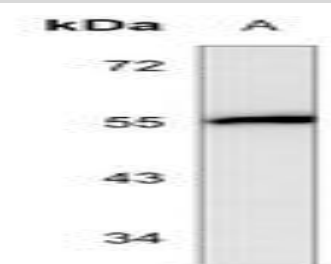
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of Brachyury protein.

DATA:



Western blot analysis of Brachyury expression in mouse kidney (A) whole cell lysates.

Note:

For research use only, not for use in diagnostic procedure.

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151