Mouse Anti chicken tropomyosin Hybridoma [DH2]

Anti chicken tropomyosin Hybridoma
Lot. No. (See product label)

CELL LINE INFORMATION

Cat.No.          CSC-H2073
Common Name      tropomyosin
Clone            DH2
Cell Line Description  The antibody is against chicken tropomyosin (Name: chicken gizzard tropomyosin; Molecular weight: 32.99 kDa (predicted hTM1))

Introduction     Tropomyosin is a dimeric coiled coil protein that binds along the length of actin filaments. It is associated with the thin filaments of muscle cells and the microfilaments of nonmuscle cells. Chicken embryo fibroblasts (CEF) contain five isoforms of tropomyosin (a, b, 1, 2, and 3), identified as such by their different apparent molecular masses after separation by SDS-PAGE, but similar biochemical properties, such as resistance to heat and organic solvents, the ability to bind to F actin filaments, and the lack of proline and tryptophan.

Immunogen        chicken tropomyosin
Immunological Donor  female balb/c Mouse spleen
Myeloma           NS1
Fusion Species    Mouse X Mouse Hybridoma
Mycoplasma        Mycoplasma Status: Negative (Mycoplasma Kit)

ANTIBODY INFORMATION

Reactivity       reacts with human tropomyosin isoform 1 (hTM1), and ferret, rodent and chicken tropomyosins
Isotype          IgG1
Target           tropomyosin, chicken gizzard
Application      Immunoblotting; Immunohistochemistry

SAFETY AND PACKAGING

Storage          liquid nitrogen
Safety Considerations  The following safety precautions should be observed.
1. Use pipette aids to prevent ingestion and keep aerosols down to a minimum.
2. No eating, drinking or smoking while handling the hybridoma.
3. Wash hands after handling the hybridoma and before leaving the lab.
4. Decontaminate work surface with disinfectant or 70% ethanol before and after working with hybridoma.
5. All waste should be considered hazardous.
6. Dispose of all liquid waste after each experiment and treat with bleach.

Ship             Dry Ice

REFERENCES