



Mouse Anti-Mouse Igh6-4 Hybridoma [NC97] (CSC-H1470)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This hybridoma produces mAbs (IgM (b,e,z)) against mouse Igh6-4
Target	Igh6-4
Immunogen	Mouse Igh6-4
Isotype	IgM(b, e, z)
Species	Mouse
Clone	NC97
Application Notes	N/A
Storage	Liquid nitrogen vapor phase.
Ship	Dry Ice
Immunological Donor	BALB/C mouse spleen
Cell Line Description	The hybridoma produces monoclonal antibody against IgM expressed by any B-cells of mouse. The cell line can be applied to a clonal analysis.
Fusion Species	Mouse
Morphology	lymphocyte-like
Propagation	Complete growth medium: RPMI1640 medium with 5×10^{-5} M 2 mercapto ethanol and 10% fetal calf serum Atmosphere: air, 95%; carbon dioxide (CO ₂), 5% Temperature: 37.0 centigrade

Culture Medium RPMI-1640 with 5×10^{-5} M 2 mercapto ethanol, supplemented with 10%(v/v)FCS

Mycoplasma Mycoplasma Status: Negative (MycoAlert Kit)

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.

GENE INFORMATION

References 1.A monoclonal antibody against Igh6-4 determinant.
Nishikawa S,Sasaki Y,Kina T,Amagai T,Katsura Y
Immunogenetics. 1986; 23(2):137-9
