## Datasheet

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Pregnancy Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience Thyroid Diseases • Tumor Markers • Veterinary

CATALOGUE #: 4T15

PRODUCT NAME: Monoclonal mouse anti-transferrin

MAbs in vitro: 1C10cc

Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of

Sp2/0 myeloma cells with spleen cells of Balb/c mice.

MAbs in vivo: 8B9, 11D3, 12A6

Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of

Sp2/0 myeloma cells with spleen cells of Balb/c mice.

Immunogen: Transferrin purified from pooled human plasma

**Specificity:** Human transferrin.

Complex between transferrin and soluble transferrin receptor for 8B9 and 11D3.

1C10cc does not cross-react with mouse, rabbit, bovine transferrin and with human lactoferrin.

**MAb isotypes: IgG1** for 1C10cc, 8B9, 11D3, 12A6

Applications: Detection of transferrin in serum by sandwich immunoassay. Detection of transferrin -

transferrin receptor complex by sandwich ELISA. MAbs are working in ELISA.

Recommended pairs for transferrin detection by sandwich immunoassay:

Capture	Detection
8B9	11D3
8B9	12A6
1C10cc	12A6
11D3	1C10cc
11D3	8B9

Recommended pairs for transferrin-transferrin receptor complex detection by sandwich immunoassay using anti-transferrin receptor 23D10 (Cat.# 4Tr26) as capture MAb:

Capture	Detection
23D10	8B9
23D10	11D3

1C10cc inhibits proliferation of Con-A stimulated peripheral blood lymphocytes.

**Purification:** Protein A chromatography

Presentation: PBS, pH 7.4, 0.09 % sodium azide (NaN<sub>3</sub>)

**Storage:** +4 °C (+2 ... +8 °C allowed)

Material This product is sold for research or further manufacturing use only. Standard Laboratory Practices safety note: should be followed when handling this material.

Product contains sodium azide as a preservative. Although the amount of sodium azide is very small

appropriate care must be taken when handling this product.

SCIENTIFIC EXCELLENCE FOR IVD

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