

**CATALOGUE #:** 4T15

**PRODUCT NAME:** Monoclonal mouse anti-transferrin

<b>MAbs <i>in vitro</i>:</b>	1C10cc Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.
<b>MAbs <i>in vivo</i>:</b>	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.
<b>Immunogen:</b>	Transferrin purified from pooled human plasma
<b>Specificity:</b>	Human transferrin. Complex between transferrin and soluble transferrin receptor for MAbs 8B9 and 11D3. MAb 1C10cc does not cross-react with mouse, rabbit, bovine transferrin and with human lactoferrin.
<b>MAb isotypes:</b>	<b>IgG1</b> for 1C10cc, 8B9, 11D3, 12A6
<b>Applications:</b>	Detection of transferrin in serum by sandwich immunoassay. Detection of transferrin – transferrin receptor complex by sandwich ELISA. All 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 (capture-detection) using anti-transferrin receptor MAb 23D10 (Cat.# 4Tr26) as capture MAb: 23D10 – 8B9 23D10 – 11D3 MAb 1C10cc inhibits proliferation of Con-A stimulated peripheral blood lymphocytes.
<b>Purification:</b>	Protein A chromatography
<b>Presentation:</b>	PBS, pH 7.4, 0.09 % sodium azide (NaN <sub>3</sub> )
<b>Storage:</b>	+4 °C (+2 ... +8 °C allowed)
<b>Material safety note:</b>	This product is sold <b>for research or further manufacturing use only</b> . Standard Laboratory Practices 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.