anti-human TCF-1 antibody

anti-T Cell Factor 1 monoclonal antibody 7H3

BACKGROUND
TCF 1 (T cell factor 1) is a member of the TCF/LEF (lymphoid enhancer factor) family of transcription factors. Members of this family along with β catenin, are involved in mediating Wnt signaling by transactivating downstream genes. TCF 1 is closely related to LEF-1, both of which are transcription factors expressed in mice during T cell differentiation. They regulate the T cell receptor α enhancer in transfections assays. TCF 1 becomes transcriptionally active through interaction with β catenin. Also, numerous splice variants of TCF 1 have been identified. Overexpression of TCF-1-specific splice forms appears to correlate with the metastatic behavior of colorectal cancer cells and with overproduction of lymphoid tyrosine protein kinase p56(lck).

IMMUNOGEN
Hybridoma produced by the fusion of splenocytes from mice immunized with recombinant protein corresponding to amino acids 102-269 from the human TCF1A splice variant protein fused to maltose binding protein (MBP)

SHIP CONDITIONS
Ship at ambient temperature, freeze upon arrival.

STORAGE
Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles.

STABILITY
Products are stable for one (1) year from purchase when stored properly.

References:

Product Data Sheet

Ordering Information
Catalog # - B1072M
Size - 100 microgram
Form - Unconjugated
Host/Clone - Mouse/7H3
Formulation - 0.1M tris-glycine, 0.15M NaCl, 30% glycerol, 0.08% sodium azide
Concentration - 1 mg/ml
Isotype - IgG
Application - Western Blot, IHC, ELISA

Legend:
Western blot analysis using anti-TCF-1 clone 7H3 antibody at 1 μg/ml on Jurkat cell lysates.

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