E2F4 (Transcription Factor) Antibody

Mouse Monoclonal Antibody [Clone E2F4/4226]

Catalog No	Format	Size
1874-MSM16-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
1874-MSM16-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
1874-MSM16-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

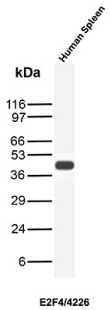
Applications	Tested Dillution	Note
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	E2F4/4226
Immunogen	Recombinant human E2F4 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	43.96kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Found in all tissue examined including heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas

**Optimal dilution for a specific application should be determined.*

Product Images for E2F4 (Transcription Factor) Antibody



Western blot analysis of Human Spleen Lysate using E2F4 Mouse Monoclonal Antibody (E2F4/4226).

Specificity & Comments

Transcription activator that binds DNA cooperatively with DP proteins through the E2 recognition site, 5'-TTTC[CG]CGC-3' found in the promoter region of a number of genes whose products are involved in cell cycle regulation or in DNA replication. The DRTF1/E2F complex functions in the control of cell-cycle progression from G1 to S phase. E2F4 binds with high affinity to RBL1 and RBL2. In some instances can also bind RB1. Specifically required for multiciliate cell differentiation: together with MCIDAS and E2F5, binds and activate genes required for centriole biogenesis.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.