PET1 / FEV Antibody

Mouse Monoclonal Antibody [Clone FEV/7311]

Catalog No	Format	Size
54738-MSM1-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
54738-MSM1-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
54738-MSM1-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

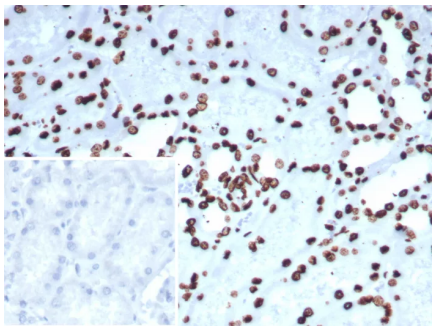
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

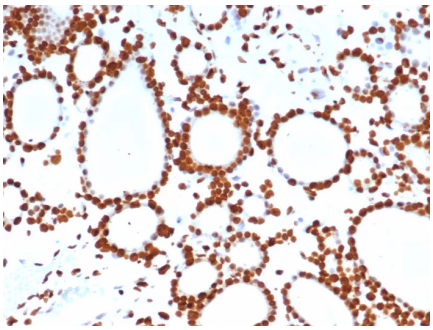
Clone	FEV/7311
Gene Name	FEV
Immunogen	Recombinant fragment (around aa1-200) of human FEV protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	25kDa
Cellular Localization	Nucleus
Species Reactivity	Human
Positive Control	Human brain|pancreas|small intestine or prostate.

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

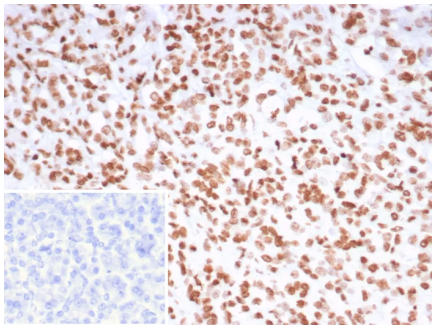
Product Images for PET1 / FEV Antibody



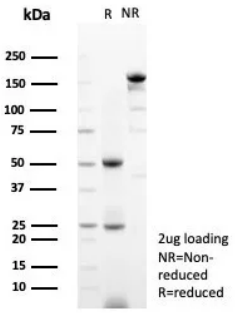
Formalin-fixed, paraffin-embedded human kidney stained with FEV Mouse Monoclonal Antibody (FEV/7311). Inset: PBS instead of primary antibody; secondary only negative control.



Formalin-fixed, paraffin-embedded human thyroid stained with FEV Mouse Monoclonal Antibody (FEV/7311). HIER: Tris/EDTA, pH9.0, 45min. 2°C: HRP-polymer, 30min. DAB, 5min.



Formalin-fixed, paraffin-embedded human pancreas stained with FEV Mouse Monoclonal Antibody (FEV/7311). Inset: PBS instead of primary antibody; secondary only negative control.



SDS-PAGE Analysis of Purified FEV Mouse Monoclonal Antibody (FEV/7311). Confirmation of Purity and Integrity of Antibody.

Specificity & Comments

Ets-1 is the prototype member of a family of genes identified on the basis of homology to the v-Ets oncogene isolated from the E26 erythroblastosis virus. This family of genes currently includes Ets-1, Ets-2, Erg-1-3, Elk-1, Elf-1, Elf-5, NERF, PU.1, PEA3, ERM, FEV, ER8l, Fli-1, TEL, Spi-B, ESE-1, ESE-3A, Net, ABT1 and ERF. Members of the Ets gene family exhibit varied patterns of tissue expression, and share a highly conserved carboxy terminal domain containing a sequence related to the SV40 large T antigen nuclear localization signal sequence. This conserved domain is essential for Ets-1 binding to DNA and is likely to be responsible for the DNA binding activity of all members of the Ets gene family. Several of these proteins have been shown to recognize similar motifs in DNA that share a centrally located 5'-GGAA-3' element.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/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.

Research Areas

Nuclear Marker

Limitations and Warranty