Recombinant OCT-2 (POU2F2) (B-Cell Marker) Antibody

Mouse Monoclonal Antibody [Clone rOCT2/7196]

Catalog No	Format	Size
5452-MSM6-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
5452-MSM6-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
5452-MSM6-P1ABX	Purified Ab WITHOUT BSA or 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
Western Blot (WB)	2-4ug/ml	

Product Details

Clone	rOCT2/7196
Immunogen	Recombinant fragment (around aa112-297) of the human OCT-2 protein (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1 / Kappa
Mol. Weight of Antigen	51.21kDa
Cellular Localization	Cytoplasm, Nucleus
Species Reactivity	Human
Positive Control	Isoform 3 is B-cell specific

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

Product Images for Recombinant OCT-2 (POU2F2) (B-Cell Marker) Antibody

Specificity & Comments

Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3') (PubMed:2904654, PubMed:7859290). Regulates IL6 expression in B cells with POU2AF1 (By similarity). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression (PubMed:2901913, PubMed:2904654). Modulates transcription transactivation by NR3C1, AR and PGR (PubMed:10480874)., Activates the U2 small nuclear RNA (snRNA) promoter.

Supplied As

200ug/ml of Ab produced in a mammalian-based expression system. 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.