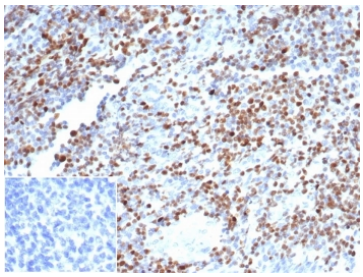
Recombinant POU2F2 Antibody / OCT2 [clone OCT2/7073R] (V9765)

Catalog No.	Formulation	Size
V9765-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V9765-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V9765SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

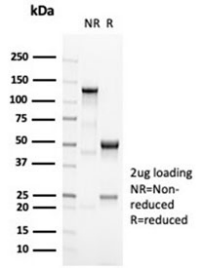
Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	OCT2/7073R
Purity	Protein A/G affinity
UniProt	P09086
Localization	Nucleus
Applications	Immunohistochemistry (FFPE): 1-2ug/ml
Limitations	This recombinant POU2F2 antibody is available for research use only.



IHC staining of FFPE human tonsil tissue with recombinant POU2F2 antibody (clone OCT2/7073R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free recombinant POU2F2 antibody (clone OCT2/7073R) as confirmation of integrity and purity.

Description

Oct-2 is a transcription factor of the POU homeo-domain family that binds to the Ig gene octamer sites, regulating B-cell-specific genes. Oct-2 expression can be used as a marker of B-cell lineage and differentiation. Germinal center B-cells, mantle B-cells, monocytoid B-cells, and plasma cells show high level expression of Oct-2. Additionally, mantle cell lymphoma, follicular lymphoma, marginal zone lymphoma, plasmacytoma, Burkitt lymphoma, diffuse large cell lymphoma, diffuse large B-cell lymphoma, Hodgkin lymphoma display increased expression of Oct-2. Several studies of Oct-2 expression have shown a low level expression in pre-B, T-cell, myelomonocytic, and epithelial cell lines, whereas all mature B-cell lines have high levels of expression. In spite of scanty evidence for Oct-2 expression in T cells, it is believed that this factor participates in transcriptional regulation during T-cell activation.

Application Notes

Optimal dilution of the recombinant POU2F2 antibody should be determined by the researcher.

Immunogen

A portion of amino acids 112-297 was used as the immunogen for the recombinant POU2F2 antibody.

Storage

Aliquot the recombinant POU2F2 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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