

## Product datasheet for **TA320463**

### SLC22A2 Rat Monoclonal Antibody [Clone ID: 9A2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	9A2
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human, Mouse
Host:	Rat
Isotype:	IgG2a, kappa
Clonality:	Monoclonal
Formulation:	Aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	solute carrier family 22 member 2
Database Link:	<a href="#">NP_003049</a> <a href="#">Entrez Gene 20518 Mouse</a> <a href="#">Entrez Gene 6582 Human</a> <a href="#">O15244</a>

**Background:** This monoclonal 9A2 antibody recognizes human and mouse Oct2, a transcription factor that binds conserved octamer DNA motifs within immunoglobulin promoters. The structure of the Oct2 protein consists of an amino terminal glutamine-rich domain, a central POU homeodomain and a carboxy terminal transactivation domain. Predominantly expressed in the nucleus of B cells, Oct2 has also been found in activated T cells and a subset of myeloid cells. Based on knock-out studies, expression is not required for B cell commitment but is required for maturation. In addition to developmental expression, Oct2 has been associated with neoplasm and maybe a useful tool for characterization of DLBCL and classical Hodgkin?? disease.

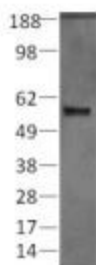
**Synonyms:** OCT2



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Protein Families: Transmembrane

### Product images:



Ramos cell line lysates prepared under reducing conditions were resolved by SDS-PAGE then immunoblotted with 3 ug/ml of Anti-Human/Mouse OCT2 Purified. Bands were visualized using Anti-Rat IgG HRP.