

## Product datasheet for **TA324167S**

### Oct-2 (POU2F2) Rabbit Polyclonal Antibody

#### Product data:

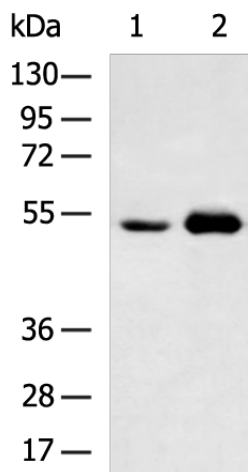
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: NIH/3T3 cell, Human tonsil tissue lysates IHC: 100-300 Positive control: Human tonsil Predicted cell location: Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to N terminal 200 amino acids of human POU class 2 homeobox 2
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	49 kDa
Gene Name:	POU class 2 homeobox 2
Database Link:	<a href="#">NP_001193954</a> <a href="#">Entrez Gene 18987 Mouse</a> <a href="#">Entrez Gene 5452 Human</a> <a href="#">P09086</a>
Background:	The protein encoded by this gene is a homeobox-containing transcription factor of the POU domain family. The encoded protein binds the octamer sequence 5'-ATTGTCAT-3'; a common transcription factor binding site in immunoglobulin gene promoters. Several transcript variants encoding different isoforms have been found for this gene.
Synonyms:	Oct-2; OCT2; OTF2



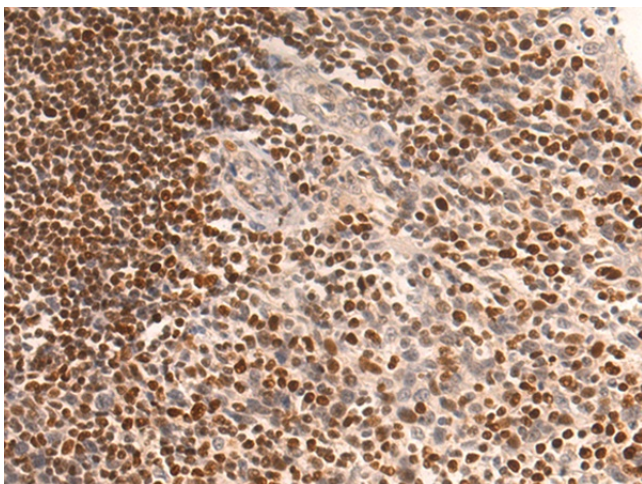
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Protein Families: Transcription Factors

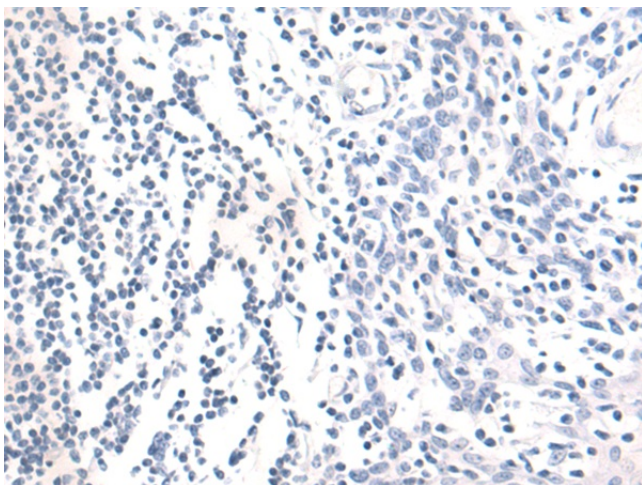
### Product images:



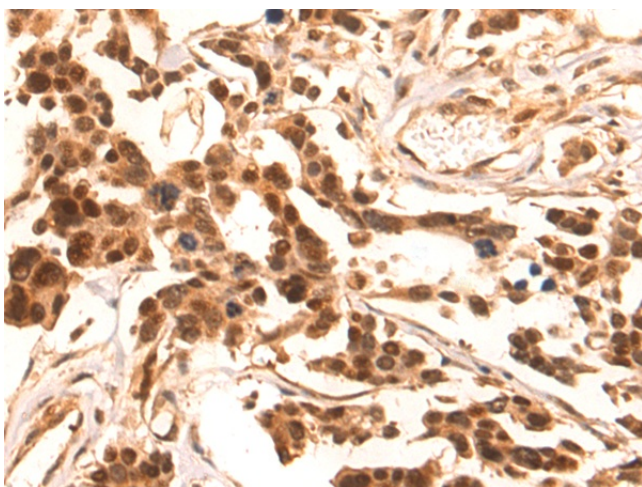
Gel: 8%SDS-PAGE  
Lysate: 40  $\mu$ g  
Lane 1-2: NIH/3T3 cell  
Human tonsil tissue lysates  
Primary antibody: [TA324167] (POU2F2 Antibody)  
at dilution 1/600  
Secondary antibody: Goat anti rabbit IgG at  
1/5000 dilution  
Exposure time: 5 minutes



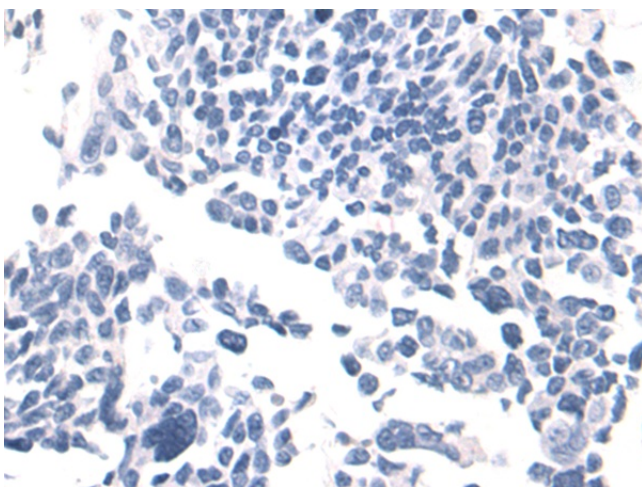
Immunohistochemistry of paraffin-embedded  
Human tonsil tissue using [TA324167] (POU2F2  
Antibody) at dilution 1/40 (Original magnification:  
 $\times$ 200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using [TA324167] (POU2F2 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA324167] (POU2F2 Antibody) at dilution 1/40 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using [TA324167] (POU2F2 Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: x200)