

## Oct-2 (ABT211) mouse mAb (Ready to Use)

<b>Catalog No :</b>	YM6813R
<b>Reactivity :</b>	Human;Mouse;
<b>Applications :</b>	IHC
<b>Target :</b>	Oct-2
<b>Fields :</b>	>>Herpes simplex virus 1 infection;>>Lipid and atherosclerosis
<b>Gene Name :</b>	POU2F2 OCT2 OTF2
<b>Protein Name :</b>	Oct-2
<b>Human Gene Id :</b>	5452
<b>Human Swiss Prot No :</b>	P09086
<b>Immunogen :</b>	Synthesized peptide derived from human Oct-2 AA range: 250-350
<b>Specificity :</b>	The antibody can specifically recognize human Oct-2 protein.
<b>Formulation :</b>	The prediluted ready-to-use antibody is diluted in phosphate buffer saline containing stabilizing protein and 0.05% Proclin 300
<b>Source :</b>	Mouse, Monoclonal/IgG2b, kappa
<b>Dilution :</b>	Ready to use for IHC
<b>Purification :</b>	The antibody was affinity-purified from ascites by affinity-chromatography using specific immunogen.
<b>Storage Stability :</b>	2°C to 8°C/1 year
<b>Background :</b>	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. [provided by RefSeq, Oct 2011],

#### Function :

function:Transcription factor that specifically binds to the octamer motif (5'-ATTTGCAT-3'). Regulates transcription in a number of tissues in addition to activating immunoglobulin gene expression. Modulates transcription transactivation by NR3C1, AR and PGR. Isoform 5 activates the U2 small nuclear RNA (snRNA) promoter.,similarity:Belongs to the POU transcription factor family. Class-2 subfamily.,similarity:Contains 1 homeobox DNA-binding domain.,similarity:Contains 1 POU-specific domain.,subunit:Interacts with NR3C1, AR and PGR.,tissue specificity:Isoform 3 is B-cell specific. Isoform 5 is expressed in B-cells and the immunoglobulin-expressing T-cell line Molt-4, but not in the T-cell line BW 5147.,

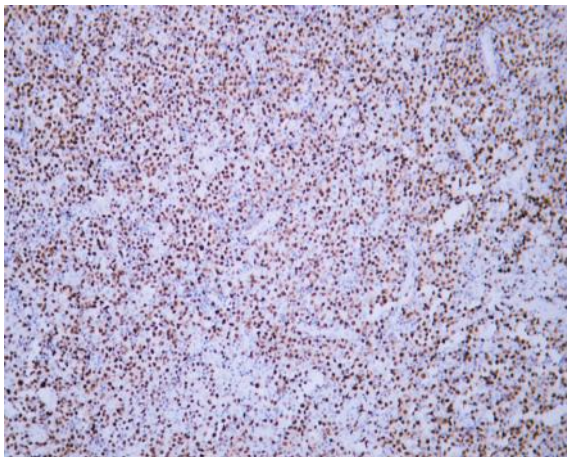
#### Subcellular Location :

Nuclear

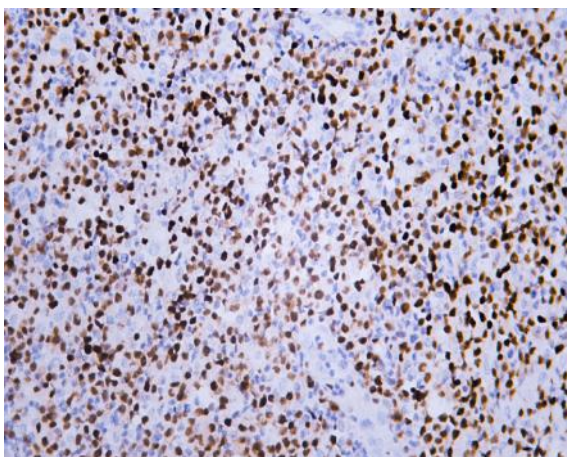
#### Expression :

Isoform 3 is B-cell specific. Isoform 5 is expressed in B-cells and the immunoglobulin-expressing T-cell line MOLT-4, but not in the T-cell line BW5147.

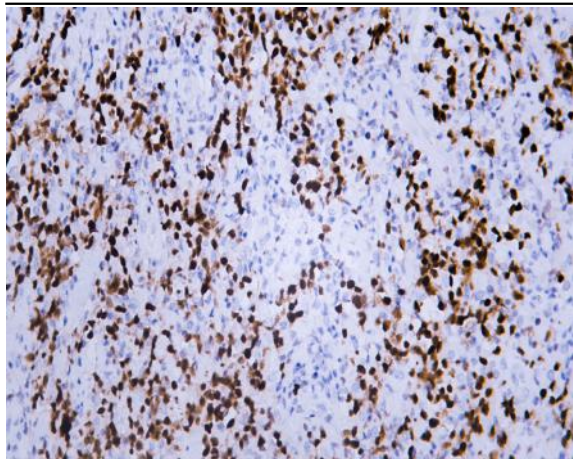
## Products Images



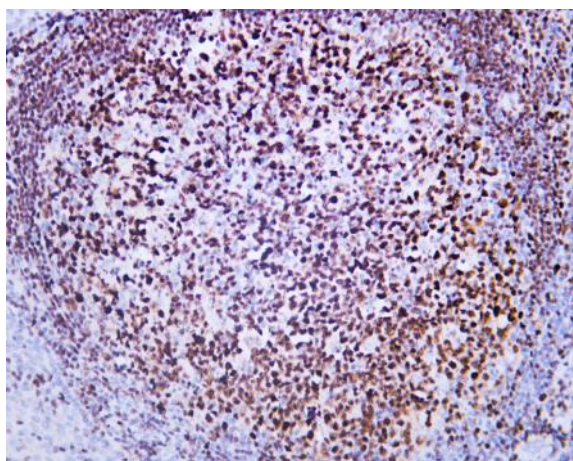
Human diffuse large B-cell lymphoma tissue was stained with Anti-Oct-2 (ABT211) Antibody



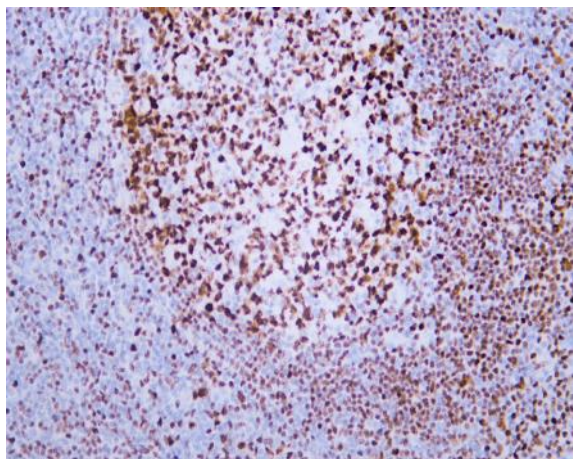
Human diffuse large B-cell lymphoma tissue was stained with Anti-Oct-2 (ABT211) Antibody



Human diffuse large B-cell lymphoma tissue was stained with Anti-Oct-2 (ABT211) Antibody



Human tonsil tissue was stained with Anti-Oct-2 (ABT211) Antibody



Human tonsil tissue was stained with Anti-Oct-2 (ABT211) Antibody