

## Product datasheet

### anti-PAX-5 mouse monoclonal, IHC005, purified

#### Short overview

<b>Cat. No.</b>	691744
<b>Quantity</b>	1 ml

#### Product description

<b>Host</b>	Mouse
<b>Antibody Type</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Clone</b>	IHC005
<b>Immunogen</b>	Recombinant Human PAX-5
<b>Formulation</b>	Tris pH 7.3-7.7 with 1% BSA and 0.09% sodium azide
<b>UniprotID</b>	Q02548 (Human)
<b>Synonym</b>	Paired box protein Pax-5, B-cell-specific transcription factor, BSAP, PAX5
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity chromatography
<b>Storage</b>	2-8°C
<b>Intended use</b>	Research use only
<b>Application</b>	IHC
<b>Reactivity</b>	Human

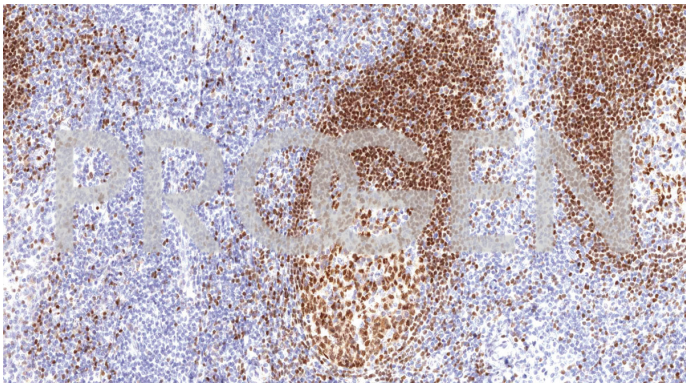
#### Applications

<b>Immunohistochemistry (IHC) - paraffin</b>	1:50-1:200 (microwave treatment recommended)
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#### Background

PAX5 is a member of the paired box (PAX) family of transcription factors, which are key regulators in early development. The PAX5 gene encodes the B-cell lineage specific activator protein (BSAP), whose expression is limited to early stages of B-cell differentiation. Anti-PAX5 is useful in differentiating between classic Hodgkin's lymphoma versus multiple myeloma and solitary plasmacytoma, as the protein is expressed in mature and precursor B-cell non-Hodgkin's lymphomas/leukemias while being absent from the other two conditions. Diffuse large B-cell lymphomas are positive for PAX5, with the exception of those with terminal B-cell differentiation, and T-cell neoplasms do not stain with Anti-PAX5.

#### Product images



Tonsil