

## Product datasheet for **TA327641**

### CD45 (PTPRC) Mouse Monoclonal Antibody [Clone ID: 2B11 & PD7/26]

#### Product data:

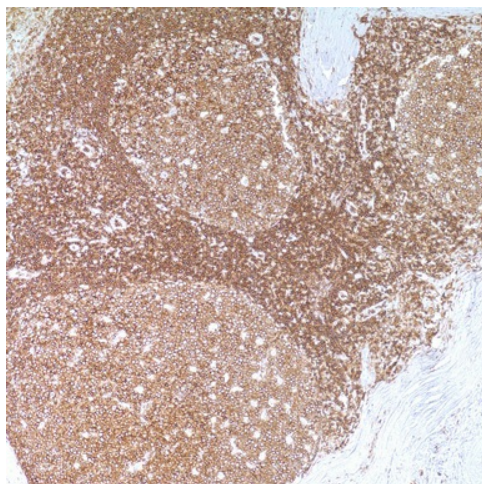
Product Type:	Primary Antibodies
Clone Name:	2B11 & PD7/26
Applications:	IHC
Recommended Dilution:	IHC: 1:100 - 1:500
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1, kappa
Clonality:	Monoclonal
Formulation:	This antibody is supplied as cell culture supernatant diluted in tris buffered saline, pH 7.3-7.7, with 1% BSA and <0.1% sodium azide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	protein tyrosine phosphatase, receptor type C
Database Link:	<a href="#">NP_002829</a> <a href="#">Entrez Gene 5788 Human P08575</a>
Synonyms:	B220; CD45; CD45R; GP180; L-CA; LCA; LY5; T200
Note:	Anti-CD45 (Anti-Leukocyte Common Antigen) is routinely used to aid the differential diagnosis of undifferentiated neoplasms, whenever malignant lymphoma is suspected by the morphological or clinical data. It is a highly specific antibody, therefore a positive result is highly indicative of lymphoid or myeloid origin. Certain types of lymphoid neoplasms may lack CD45 (Hodgkin lymphoma, some T-cell lymphomas, and some leukemias) so its absence does not rule out a hematolymphoid tumor. This antibody is expressed almost exclusively by cells of hematopoietic lineage and is present in most benign and malignant lymphocytes as well as plasma cell precursors.
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Phosphatase, Transmembrane



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**Protein Pathways:** Cell adhesion molecules (CAMs), Fc gamma R-mediated phagocytosis, Primary immunodeficiency, T cell receptor signaling pathway

**Product images:**



Immunohistochemistry staining of Paraffin Tonsil tissue by CD45 antibody (dilution: 1:100 - 1:500; visualization of staining: Membranous)