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**P**aired box proteins, also known as PAX proteins, are transcription factors that recognize specific DNA binding sites to initiate transcription and control gene regulation. These nuclear proteins play important roles in cellular development and differentiation, and therefore make the PAX antibodies valuable tools in differential diagnosis of neoplasms. Cell Marque is one of the only IHC companies to offer three PAX immunohistochemistry antibodies for *in vitro* diagnostics use. Studies have been conducted by independent quality control laboratories, such as NordiQC, rating Cell Marque's antibodies optimal when compared to related clones.

#### These results include:

- ▶ PAX-2 for differential diagnosis of renal from non-renal neoplasms
- ▶ PAX-5 for differential diagnosis of B-cell lymphomas from T-cell lymphomas as well as for labeling Reed-Sternberg cells in classic Hodgkin's lymphoma
- ▶ PAX-8 for differential diagnosis of renal and ovarian neoplasms from their mimics

Cell Marque PAX antibodies are labeled as IVD in the United States as well as other geographies where registered, available in multiple volumes, and are compatible with several automated platforms.