

# PD-L1 Overexpression in Solid Tumours Forecast in 18 Major Markets 2017-2027

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## Abstracts

PD-1 is a T-cell immune checkpoint that is involved in the dampening of autoimmunity in the peripheral effector phase of T-cell activation. This leads to a 'tolerance' of cells expressing PD-L1 (programmed death ligand-1). PD-L1 is expressed normally on a number of different cell types including; placenta, vascular endothelium, pancreatic islet cells, muscle cells, hepatocytes, epithelium, mesenchymal stem cells, B-cells, T-cells, dendritic cells, macrophages and mast cells.

This report provides the current prevalent population for PDL-1 over-expression in cancer populations across 18 Major Markets (USA, Canada, France, Germany, Italy, Spain, UK, Russia, Turkey, Saudi Arabia, Japan, China, Argentina, Brazil, Mexico, India, South Africa and Australia) split by gender and 5-year age cohort. Along with the current prevalence, the report also contains a disease overview of the risk factors, disease diagnosis and prognosis along with specific variations by geography and ethnicity.

Providing a value-added level of insight from the analysis team at Black Swan, several of the main cancers with PDL-1 over-expression have been quantified and presented alongside the overall prevalence figures.

PDL-1 over-expression is most often associated with the following cancers:

Bladder

Breast

Colorectal Cancer (CRC)



Hodgkin's Lymphoma
Kidney
Liver
NSCLC
Melanoma
Oesophageal
Pancreatic
Prostate
Stomach

This report is built using data and information sourced from the proprietary Epiomic patient segmentation database. To generate accurate patient population estimates, the Epiomic database utilises a combination of several world class sources that deliver the most up to date information form patient registries, clinical trials and epidemiology studies. All of the sources used to generate the data and analysis have been identified in the report.

#### Reason to buy

Able to quantify patient populations in global PDL-1 over-expression market to target the development of future products, pricing strategies and launch plans.

Gain further insight into the prevalence of the PDL-1 over-expression by cancer type and identify patient segments with high potential.

Delivery of more accurate information for clinical trials in study sizing and realistic patient recruitment for various countries.

Provide a level of understanding on the impact of the mutation on the prevalent



population for specific cancer types.

Gain an understanding of the specific markets that have the largest number of PDL-1 over-expression patients.



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