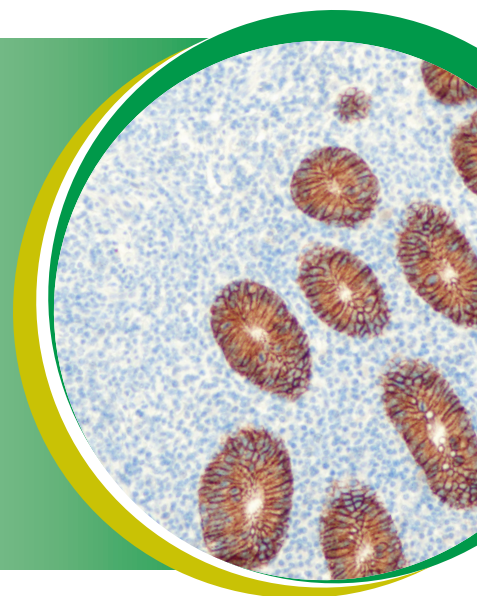


Claudin 4 (QR137)

Claudin 4 is a tight junction protein critical for epithelial barrier function. The marker shows strong membranous expression in most epithelial cells but is typically absent in mesothelial cells.

Claudin 4 is a useful marker to distinguish lung adenocarcinomas (positive) from mesothelioma (negative).

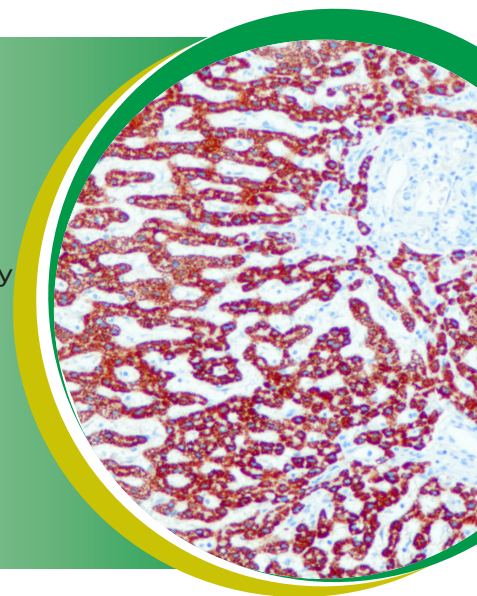
Status: RUO (IVDR in progress)
Dilution: 1:100 - 1:200
Product code: x-C055-xxx



Hep-Par-1 (QR122)

Hep Par-1 (Hepatocyte Paraffin 1) is a hepatocyte specific monoclonal antibody that binds to an unspecified protein occurring in normal and neoplastic hepatocytes. Although the target protein is unknown, the antibody has been established as a marker for normal and neoplastic hepatocytes. The majority (80-100%) of hepatocellular carcinomas (HCC) are positive, sometimes only focally.

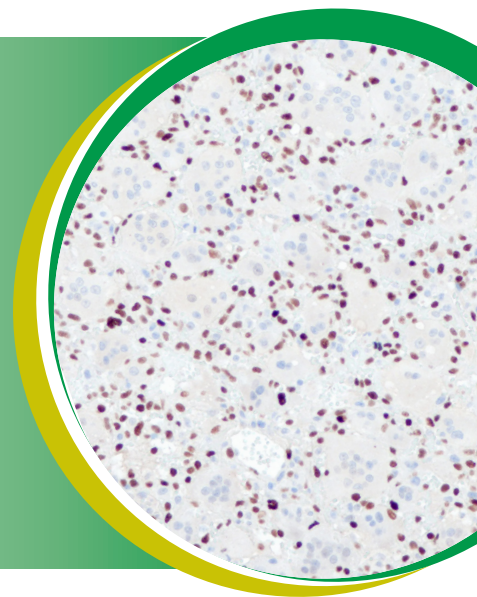
Status: RUO (IVDR in progress)
Dilution: 1:100 - 1:200
Product code: x-H004-xxx



Histone H3.3 (QR133)

Histone H3 is one of the five main histones in human cells. The G34W mutation refers to a substitution of glycine (G) with tryptophan (W) at position 34 of H3.3. This mutation is highly specific for giant cell tumor of bone (GCT) with reported detection rates of 87-96%. Other bone-forming tumors, such as osteosarcoma (except rare, mostly secondary cases) and chondroblastoma, as well as normal tissues are consistently negative.

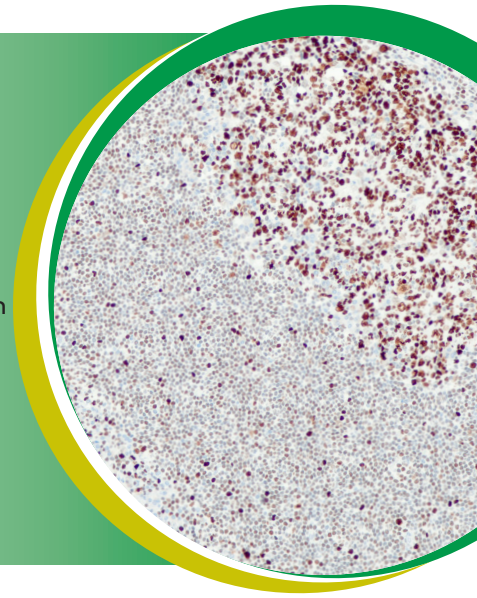
Status: RUO (IVDR in progress)
Dilution: 1:100 - 1:200
Product code: x-H006-xxx



MCM2 (QR149)

MCM2 is a key component of the DNA helicase complex (MCM2–7) required for DNA replication. It ensures accurate initiation and progression of DNA synthesis, helping maintain genome stability. Abnormal levels of MCM2 are associated with uncontrolled cell growth and can serve as a marker of cell proliferation.

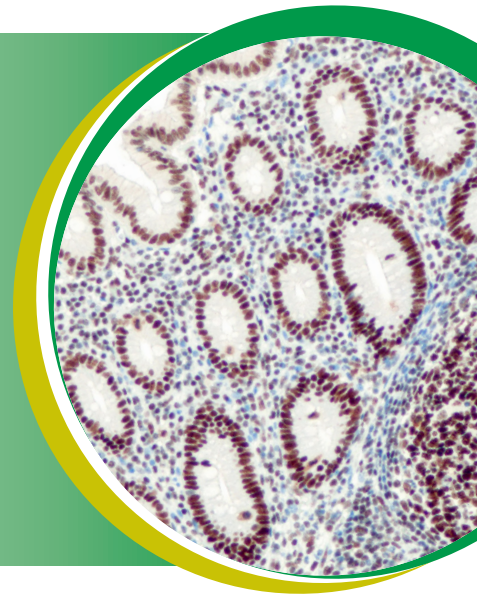
Status: RUO (IVDR in progress)
Dilution: 1:100 - 1:200
Product code: x-M016-xxx



SMARCA4 (QR132)

SMARCA4, also known as BRG1, is a key protein of the SWI/SNF complex and involved in chromatin remodeling and thus the regulation of gene expression. SMARCA4 is ubiquitously expressed in the nuclei of all normal cells. Both loss of protein expression as well as protein upregulation have been associated with neoplasia. Increased expression has been reported in melanoma, gastric cancer, prostate adenocarcinoma and colorectal cancer.

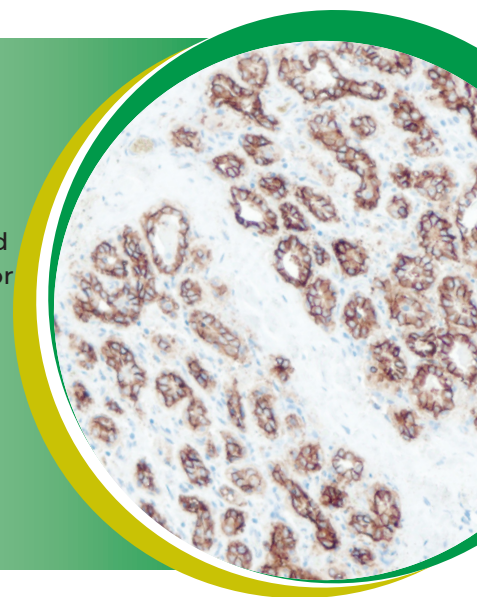
Status: RUO (IVDR in progress)
Dilution: 1:100 - 1:200
Product code: x-S011-xxx



TROP2 (QR142)

TROP2, also known as Tumor-Associated Calcium Signal Transducer 2 or TACSTD2, is a transmembrane glycoprotein that plays a role in transducing intracellular calcium signals, and is involved in cell self-renewal, proliferation, and transformation. TROP2 is normally expressed in most epithelial tissues, but low or absent in testis, ovary and hepatocytes of liver. Overexpression is found in many epithelial cancers including squamous cell carcinoma of skin or lung (>97%), adenocarcinoma of lung, pancreas or prostate (>92%), and mamma carcinoma (78-99%). Melanoma and seminoma are typically negative for TROP2 (<2%).

Status: RUO (IVDR in progress)
Dilution: 1:100 - 1:200
Product code: x-T007-xxx



Free samples available (25 µl concentrate or 3 ml RTU)