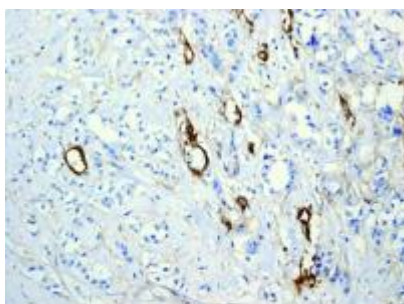




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Catalogue Generated March 24, 2015

CD90 antibody [EPR3132], N-term, GeneTex



CD90 antibody [EPR3132], N-term
Immunohistochemical analysis of paraffin-embedded human breast carcinoma using anti-CD90 RabMAb (cat. # GTX62251).

CD90 (Cluster of Differentiation 90, Thy-1) is a heavily N-glycosylated GPI linked cell surface protein member of the immunoglobulin (Ig) superfamily. As a smallest member of family, CD90 may play a role in cell-to-cell and cell-to-ligand interactions during synaptogenesis and other neuron related activities (e.g. neurite outgrowth, nerve regeneration) . In developing nervous tissue, CD90 is involved in axon growth regulation by halting axon growth in mature axon via its interaction with intergin-beta-3 on mature astrocytes. Additionally, CD90 has been linked to apoptosis, adhesion, migration, cancer (including cancer stem cells), and fibrosis . As a major marker for hematopoietic stem cells (HSCs), CD90 mediates differentiation of HSCs. In stem cancer cell research, CD90+ cells in the hepatocellular carcinoma (HCC) have been shown to display tumorigenic capacity .

[RB MAB TO CD90](#)

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VWR Catalog Number	Unit	Price		Supplier No.
89364-368	Each (100µl)	\$349.55		GTX62251

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To order chemicals, medical devices, or other restricted products please provide identification that includes your business name and shipping address 484.881.5997 referencing your VWR account number . Acceptable forms of identification are:

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* Please note if your account is within the State of California two of these pieces of identification will be required.

VWR will not lift restrictions for residential shipping addresses.

SPECIFICATIONS

Antibody Isotype	IgG
Antibody Type	Primary
Antigen	CD90
ChIP	No
Clonality	Monoclonal
ELISA	No
Flow Cytometry	No
Gel Shift	No
Host	Rabbit
ImmunoChemistry	Yes
ImmunoFluorescence	Yes
ImmunoPrecipitation	No
Immunogen	A synthetic peptide correspondi CD90 was used as an immunog

Molecular Weight	25-35 kDa
Neutralisation	No
Purification	Cell Supernatant
Reactivity	Human
Storage Buffer	50 mM Tris-Glycine (pH 7.4 azide and 0.05% BSA.
Storage Temperature	Store at -20 °C. Stable for 1
Tested Applications	ICC/IF, IHC-P, WB
Western Blot	Yes