Basic Information

Product Name	Anti-Prolactin/PRL Antibody (Clone#OTI9D12)
Gene Name	PRL
Source	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Species Reactivity	human
Tested Application	WB, ICC/IF, FCM
Contents	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Immunogen	Full length human recombinant protein of human PRL (NP_000939) produced in HEK293T cell.
Concentration	500 ug/ml
Purification	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Observed MW	26 kDa
Dilution Ratios	Western blot (WB): 1:1000 Immunocytochemistry/Immunofluorescence (ICC/IF):1:50~100 Flow cytometry (FCM): 1:100

Storage

Stable for 12 months from date of receipt. Store at -20°C as received.

Background Information

Prolactin?(PRL), also known as luteotropic hormone or luteotropin, is a?protein?that in humans is best known for its role in enabling?female mammals to produce milk. This gene encodes the anterior pituitary hormone prolactin. This secreted hormone is a growth regulator for many tissues, including cells of the immune system. It may also play a role in cell survival by suppressing apoptosis, and it is essential for lactation. Alternative splicing results in multiple transcript variants that encode the same protein.

Selected Validation Data

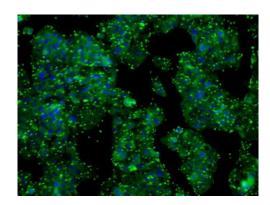Immunofluorescent staining of HepG2 cells using anti-PRL mouse monoclonal antibody.