Recombinant STAT3 Monoclonal Antibody

Description

This Recombinant STAT3 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU:	RMEA0486
Contents:	Recombinant STAT3 Monoclonal Antibody (50 µL, 100 µL) Bradford Reagent: 1 vial (2ml)
Clone:	C110475
Applications:	WB, IHC, IF, ELISA
Reactivity:	Human, Mouse, Rat

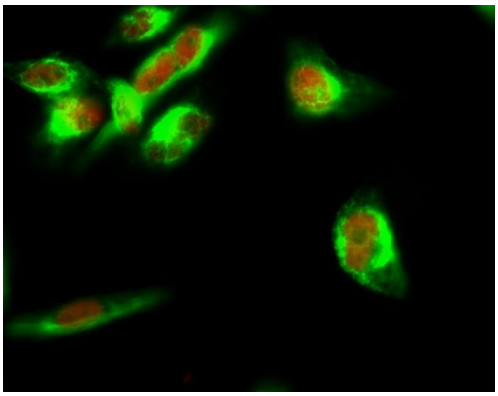
Antibody Data

Uniprot ID:	P40763
Size:	50 µL, 100 µL
Host Species:	Rabbit
Isotype:	Rabbit IgG
Conjugation:	Unconjugated
Buffer:	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

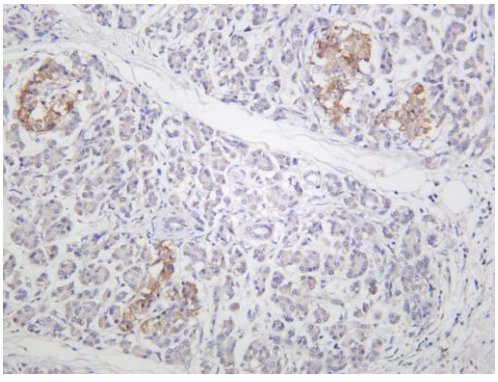
Preparation & Storage

Storage:	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	Gel Pack
Preparation:	IHC 1:100-1:500, WB 1:1000-1:5000, IF 1:200-1:1000, ELISA 1:5000-1:20000
Protein Quantification (Optional):	To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol
Notes:	Centrifuge before opening to ensure complete recovery of vial contents.

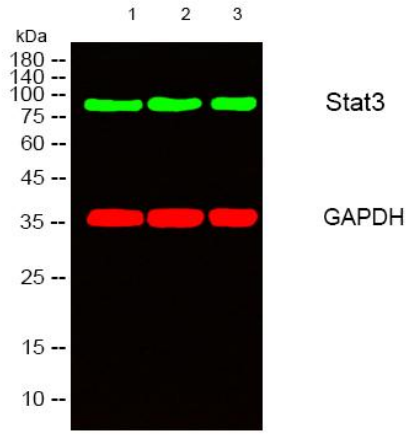
Validation Data



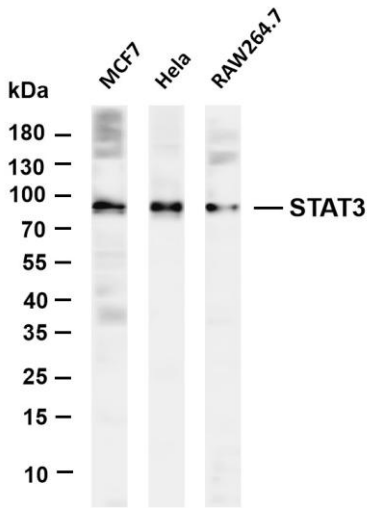
Immunofluorescence analysis of Hela cell. 1,Stat3 1:200(4℃ Antibody(red) was diluted at overnight). β- tubulin Monoclonal Antibody(M7)(green) was diluted at 1:200(4℃ overnight). 2, Goat Anti Rabbit Alexa Fluor 594 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 was diluted at 1:1000(room temperature, 50min).



Human pancreas was stained with anti-STAT3 rabbit antibody



Western blot analysis of lysates from 1) HepG2-UV, 2) （Green） K562, 3) AD293,4) PC-3 cells, primary antibody 4℃ was diluted at 1:1000, over night, secondary antibody 37℃ （Red） was diluted at 1:10000, 1hour. GAPDH Monoclonal Antibody was diluted at 1:5000 as loading 4℃ control, over night,secondary antibody was diluted at 37℃ 1:10000, 1hour. Observed-MW:88 kDa Calculated-MW:88 kDa



Various whole cell lysates were separated by 4-20% SDS- PAGE, and the membrane was blotted with anti-STAT3 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: MCF7 Lane 2: Hela Lane 3: RAW264.7 Predicted band size: 88kDa Observed band size: 88kDa

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.