



JAK2/3 (Phospho-Tyr966/939) Polyclonal Antibody

Cat #: ABP58985

Size: 30µl /100µl /200µl

Product Information

	Product Name: JAK2/3 (Phospho-Tyr966/939) Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human, Mouse, Rat		
REF	Catalog Number: ABP58985	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: JAK2 is a kinase that is misregulated or mutated in a number of myeloproliferative diseases and cancers. The mutation V617F is the most clinically relevant variant, and is seen in around half of myeloproliferative disorders. The variant is a known activating mutation, and activated JAK2 is sufficient to drive myeloproliferative disorders in mouse models. V617F, while most recurrent, is not the only mechanism by which JAK2 can be activated in patients. JAK2 is now one of the first diagnostic markers tested upon diagnosis with a myeloproliferative disorder.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:1000), ICC (1:200).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol as stabilizer.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

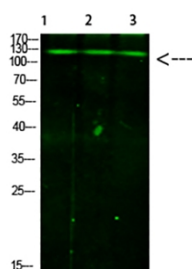


Fig.1. Western Blot analysis of 1, Mouse-liver 2, hela 3, Mouse-brain cells using primary antibody diluted at 1:1000 (4°C overnight). Goat Anti-rabbit IgG Dylight 800 (Cat #: A23920) secondary antibody was diluted at 1:5000 at 25°C for 1 hour.

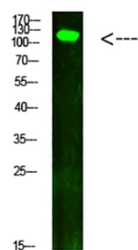


Fig.2. Western Blot analysis of hela cells using primary antibody diluted at 1:1000 (4°C overnight). Goat Anti-rabbit IgG Dylight 800 (Cat #: A23920) secondary antibody was diluted at 1:5000 at 25°C for 1 hour.

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