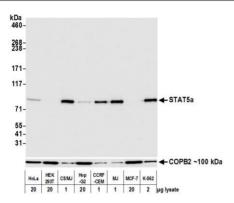
STAT5a Recombinant Monoclonal Antibody [BLR124H]

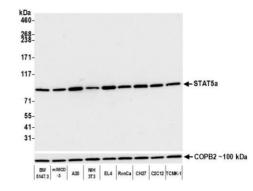
Rabbit Recom	binant M					
Purified			Protein ID	NP_001275647.1		
Catalog No.	A700-		GenelD	6776	BETHYL	
Lot No.	A700-	124-1			LABORATORIES, INC	
APPLICATIONS		WB, IP, IHC, ICC				
SPECIES REACTIVITY		Human, Mouse				
AMOUNT		100 µl (50+ tests)				
CONCENTRATION		100 µg/ml				
STORAGE/SHELF LIFE		2 - 8° C / 1 year from date of receipt				
PHYSICAL STATE		Liquid				
BUFFER		Borate Buffered Saline (BBS) pH 8.2 with 0.1% BSA and 0.09% Sodium Azide				
ISOTYPE		IgG				
CLONE #		BLR124H				
ORIGIN		USA				
PRODUCTION PROCEDURES		Recombinant antibody was purified from cell culture supernatant.				
		Immunogen was a peptide representing a region between residue 744 and the C-terminus (residue 794) of human signal transducer and activator of transcription 5a using the numbering given in entry NP_001275647.1 (Gene ID 6776).				
APPLICATIONS		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.				
		Western Blot	1:1	,000		
		Immunoprecipitat	tion 20	µl/1 mg lysate		
		Immunohistocher	,	00 to 1:500. Epitope retrieval with citra commended for FFPE tissue sections.		
		Immunocytochem		00 to 1:500. Epitope retrieval with citra commended for FFPE cell sections.	ate buffer pH6.0 is	
CCRF-CEM		CCRF-CEM cells, k	st Carcinoma, Lymph Node, Melanoma, Testicular Seminoma, Tonsil, C5/MJ Cells, ells, K-562 Cells, KG-1 Cells, MJ Cells			
IHC MOUSE CONTROLS Splee		Spleen, RenCa Cel	pleen, RenCa Cells			
ADDITIONAL INFO		https://www.bethyl.com/product/A700-124				
		Use the link above	e to view SD	9S, a current list of citations, and other	product specific information.	

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Brian McWilliams, PhD Date: December 1, 2020

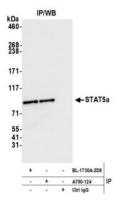
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Detection of human STAT5a by western blot. *Samples:* Whole cell lysate from HeLa, HEK293T, C5/MJ, Hep-G2, CCRF-CEM, MJ, MCF-7, and K-562 cells prepared using NETN lysis buffer. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124 lot 1) used at 1:1000. *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 3 seconds.

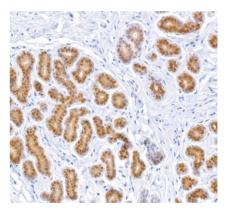


Detection of mouse STAT5a by western blot. Samples: Whole cell lysate (10 µg) from BW5147.3, mIMCD-3, A20, NIH 3T3, EL4, RenCa, CH27, C2C12, and TCMK-1 cells prepared using NETN lysis buffer. Antibody: Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124 lot 1) used at 1:1000. Secondary: HRPconjugated goat anti-rabbit IgG (A120-101P). Chemiluminescence with an exposure time of 10 seconds.



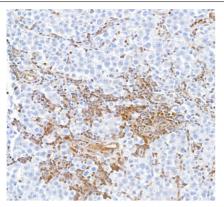
Detection of human STAT5a by western blot of

immunoprecipitates. *Samples:* Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. *Antibodies:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124 lot 1) used for IP at 20 µl/mg lysate. STAT5a was also immunoprecipitated by rabbit anti-STAT5a antibody BL-1730A-2D8. For blotting immunoprecipitated STAT5a, A700-124 was used at 1:1000. Chemiluminescence with an exposure time of 3 seconds.

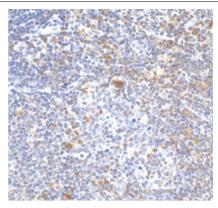


Detection of human STAT5a in FFPE breast carcinoma by immunohistochemistry. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124 Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

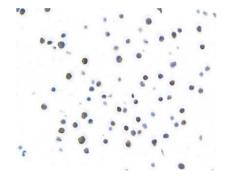
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Detection of human STAT5a in FFPE testicular seminoma by immunohistochemistry. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of mouse STAT5a in FFPE spleen by immunohistochemistry. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124 Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.



Detection of human STAT5a in FFPE CCRF-CEM cells by immunocytochemsitry. *Antibody:* Rabbit anti-STAT5a recombinant monoclonal antibody [BLR124H] (A700-124 Lot 1). *Secondary:* HRP-conjugated goat anti-rabbit IgG (A120-501P). *Substrate:* DAB.

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