Recombinant DGRmAb®

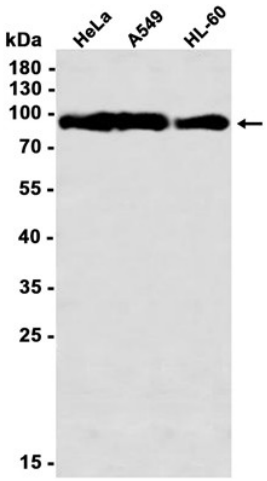
STAT5b (DGR32852) Rabbit mAb (PBS Only)

db12203-PBS **Package : 10μg 100μg**

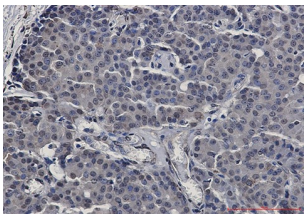
Product Name : STAT5b (DGR32852) Rabbit mAb (PBS Only)
Cat.No.: db12203-PBS
Synonyms : STAT5
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The protein encoded by this gene is a member of the STAT family of transcription factors. In response to cytokines and growth factors, STAT family members are phosphorylated by the receptor associated kinases, and then form homo- or heterodimers that translocate to the cell nucleus where they act as transcription activators. This protein mediates the signal transduction triggered by various cell ligands, such as IL2, IL4, CSF1, and different growth hormones. It has been shown to be involved in diverse biological processes, such as TCR signaling, apoptosis, adult mammary gland development, and sexual dimorphism of liver gene expression. This gene was found to fuse to retinoic acid receptor-alpha (RARA) gene in a small subset of acute promyelocytic leukemias (APLL). The dysregulation of the signaling pathways mediated by this protein may be the cause of the APLL. [provided by RefSeq, Jul 2008]
Immunogen	Recombinant protein of human STAT5b
Gene ID	6777
Swiss Prot	P51692
Synonyms	STAT5
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Calculated MW	90 kDa
Observed MW	90 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR32852
Isotype	IgG

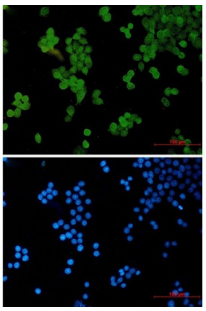
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



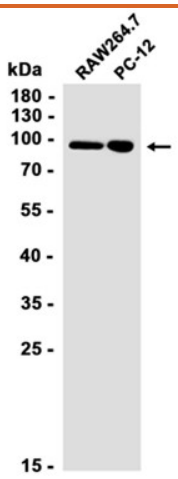
Western blot analysis of extracts from HeLa, A549, HL-60 cells using db12203 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db12203 antibody.



Immunofluorescent analysis of HeLa cells using db12203 antibody (green), and DAPI (blue).



Western blot analysis of extracts from RAW264.7, PC-12 cells using db12203 at 1:1000.