

Product Datasheet

Phospho-STAT6 (Tyr641) Antibody

Catalog No: CY6509

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB IHC



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Information

UniProt ID: P42226

All Names: 12S1644; IL-4 Stat; IL-4-STAT; Signal transducer and activator of transcription 6; signal transducer and activator of transcription 6, interleukin-4 induced; STAT, interleukin4-induced; STAT6; STAT6B; STAT6C; transcription factor IL-4 STAT

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human STAT6 around the phosphorylation site of Tyrosine 641

Molecular Wt.: 94 kDa

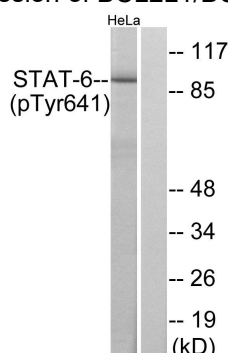
Application

WB: 1:500~1:2000

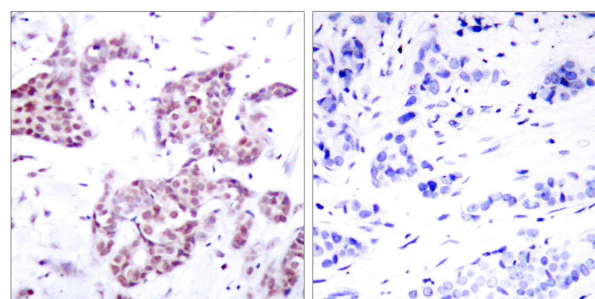
IHC: 1:50~1:200

Background

STAT6 transcription factor of the STAT family. Plays a central role in IL4-mediated biological responses. Induces the expression of BCL2L1/BCL-X(L), which is responsible for the anti-apoptotic activity of IL4.



Western blot analysis using STAT6 (Phospho-Tyr641) Antibody: Line1: The extracts from HeLa cells treated with IL-4; Line2: The extracts from HeLa cells.



Immunohistochemical analysis of paraffin-embedded breast carcinoma. Left: Using STAT6 (Phospho-Tyr641) Antibody; Right: The same antibody preincubated with synthesized phosphopeptide.

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