Product datasheet

Anti-IL-13 receptor alpha 2 antibody ab74730

Overview

Product name Anti-IL-13 receptor alpha 2 antibody
Description Rabbit polyclonal to IL-13 receptor alpha 2
Host species Rabbit
Tested applications Suitable for: WB
Species reactivity Reacts with: Human
Immunogen Synthetic peptide corresponding to Human IL-13 receptor alpha 2 aa 192-241. Sequence:
GQNIGCRFPYLEASDYKDFYICVNGSSENKPIRSSYFTF
QLQNIVKPLPP

Positive control HepG2 cell lysate

Properties

Form Liquid
Storage instructions Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer Preservative: 0.09% Sodium azide
Constituents: 2% Sucrose, PBS
Purity Immunogen affinity purified
Clonality Polyclonal
Isotype IgG

Applications

Our Abpromise guarantee covers the use of ab74730 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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Function
Binds as a monomer with high affinity to interleukin-13 (IL13), but not to interleukin-4 (IL4).

Sequence similarities
Belongs to the type I cytokine receptor family. Type 5 subfamily.
Contains 1 fibronectin type-III domain.

Domain
The WSXWS motif appears to be necessary for proper protein folding and thereby efficient intracellular transport and cell-surface receptor binding.
The box 1 motif is required for JAK interaction and/or activation.

Cellular localization
Membrane.

Images

Anti-IL-13 receptor alpha 2 antibody (ab74730) at 1 µg/ml + HepG2 cell lysate at 10 µg

Secondary
HRP conjugated anti-Rabbit IgG at 1/50000 dilution

Predicted band size: 44 kDa
Observed band size: 44 kDa
Additional bands at: 35 kDa, 55 kDa. We are unsure as to the identity of these extra bands.

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