

Anti-IL24 Antibody

Catalog Number: M03793

About IL24

Has antiproliferative properties on melanoma cells and may contribute to terminal cell differentiation.

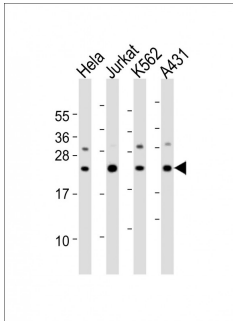
Overview

| | |
|----------------------|--|
| Product Name | Anti-IL24 Antibody |
| Reactive Species | Human |
| Description | Boster Bio Anti-IL24 Antibody (Catalog # M03793). Tested in WB, Flow Cytometry, IHC-P application(s). This antibody reacts with Human. |
| Application | Flow Cytometry, IHC-P, WB |
| Clonality | Polyclonal |
| Formulation | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. |
| Storage Instructions | Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |
| Host | Rabbit |
| Uniprot ID | Q13007 |

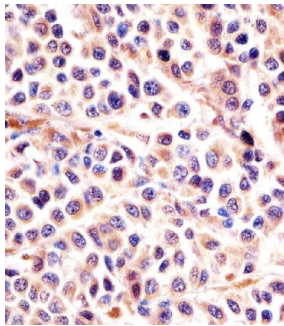
Technical Details

| | |
|----------------------------|--|
| Immunogen | This IL24 antibody is generated from a rabbit immunized with a recombinant protein. |
| Predicted Reactive Species | Bovine, Rabbit |
| Isotype | Rabbit IgG |
| Purification | This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Suggested Dilutions | WB: 1:2000 IHC-P: 1:25 FC: 1:25 |

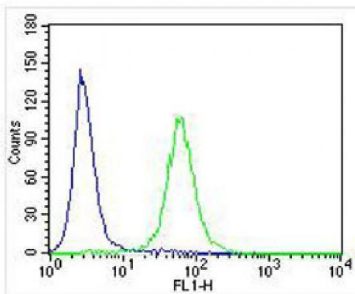
Anti-IL24 Antibody (M03793) Images



All lanes : Anti-IL24 Antibody at 1:2000 dilution
Lane 1: HeLa whole cell lysates
Lane 2: Jurkat whole cell lysates
Lane 3: K562 whole cell lysates
Lane 4: A431 whole cell lysates
Lysates/proteins at 20 μ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution
Predicted band size : 24 kDa
Blocking/Dilution buffer: 5% NFDN/TBST.



M03793 staining IL24 in human melanoma sections by Immunohistochemistry (IHC-P -paraformaldehyde-fixed, paraffin-embedded sections). Tissue was fixed with formaldehyde and blocked with 3% BSA for 0.5 hour at room temperature; antigen retrieval was by heat mediation with a citrate buffer (pH6). Samples were incubated with primary antibody (1/25) for 1 hours at 37°C. A undiluted biotinylated goat polyvalent antibody was used as the secondary antibody.



Overlay histogram showing U-2 OS cells stained with M03793 (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (M03793, 1:25 dilution) for 60 min at 37°C. The secondary antibody used was Alexa Fluor® 488 goat anti-rabbit IgG (H+L) at 1/400 dilution for 40 min at 37°C. Isotype control antibody (blue line) was rabbit IgG1 (1g/1x10⁶ cells) used under the same conditions. Acquisition of >10,000 events was performed.

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