

Product datasheet

Anti-GATA3 antibody [KT77] ab110093

1 References

Overview

Product name	Anti-GATA3 antibody [KT77]
Description	Rat monoclonal [KT77] to GATA3
Host species	Rat
Tested applications	Suitable for: WB, ICC/IF
Species reactivity	Reacts with: Mouse
Immunogen	Full length protein (Mouse)

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.1% Sodium azide Constituent: PBS
Purity	Protein G purified
Clonality	Monoclonal
Clone number	KT77
Isotype	IgG2a

Applications

Our [Abpromise guarantee](#) covers the use of **ab110093** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		Use a concentration of 0.1 - 1 µg/ml. Predicted molecular weight: 48 kDa.
ICC/IF		Use a concentration of 1 - 10 µg/ml.

Target

Function	Transcriptional activator which binds to the enhancer of the T-cell receptor alpha and delta genes. Binds to the consensus sequence 5'-AGATAG-3'.
Tissue specificity	T-cells and endothelial cells.
Involvement in disease	Defects in GATA3 are the cause of hypoparathyroidism with sensorineural deafness and renal dysplasia (HDR) [MIM:146255]; also known as Barakat syndrome.
Sequence similarities	Contains 2 GATA-type zinc fingers.
Cellular localization	Nucleus.
Form	There are 2 isoforms produced by alternative splicing.

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