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44-1151: Anti-GATA3 Monoclonal Antibody (Clone:IHC583)

Clonality :	Monoclonal
Clone Name :	IHC583
Application :	IHC
Reactivity :	Human
Gene :	GATA3
Gene ID :	2625
Uniprot ID :	P23771
Format :	Purified
Alternative Name :	Trans-acting T-cell-specific transcription factor GATA-3, GATA-binding factor 3, GATA3

Description

GATA3 is a transcription factor important in cell proliferation, development, and differentiation. GATA3 is mostly observed in breast and urothelial carcinomas, and rarely present in other cancers such as endometrial endometrioid adenocarcinoma. Among the breast carcinomas, GATA3 has a lower expression in luminal B subtype breast carcinoma. Studies have found GATA3 expression to be associated with ER (estrogen receptor), PR (progesterone receptor), and Her2 in breast cancer cases. Urothelial carcinomas stain positively for GATA3 in invasive or high grade tumors, therefore Anti-GATA3 is useful for carcinoma diagnosis when breast and bladder are plausible.

Product Info

Amount :	0.1 ml / 1 ml
Purification :	Protein A/G Chromatography
Storage condition :	Store at 2°C - 8°C.

Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

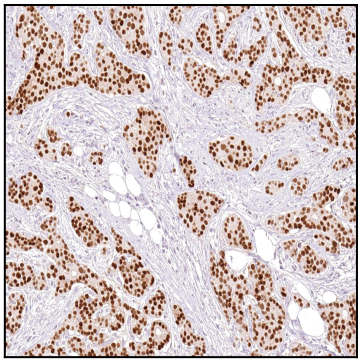


Figure 1: Immunohistochemical analysis of GATA3 (IHC583) on Breast Cancer

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