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36-2371: Anti-GATA-3 (Breast and Urothelial Marker) Monoclonal Antibody(Clone: GATA3/2442)

Clonality :	Monoclonal
Clone Name :	GATA3/2442
Application :	IHC
Reactivity :	Human
Gene :	GATA3
Gene ID :	2625
Uniprot ID :	P23771
Alternative Name :	GATA3; GATA binding protein-3; GATA-binding factor 3; GATA3; HDR; HDRS; Transacting T-cell-specific transcription factor GATA-3
Isotype :	Mouse IgG2b, kappa
Immunogen Information :	Recombinant fragment of human GATA3 protein (around aa 357-436) (exact sequence is proprietary)

Description

GATA-3 is a zinc finger transcription factor and plays an important role in promoting and directing cell proliferation, development, and differentiation in many tissues and cell types. GATA-3 expression is primarily seen in breast and urothelial carcinomas.'Therefore, GATA3 antibody can be useful in the identification of unknown primary carcinoma when carcinomas of the breast or bladder are a possibility.

Product Info

Amount :	20 µg / 100 µg
Content :	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Storage condition :	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95&degC followed by cooling at RT for 20 minutes);

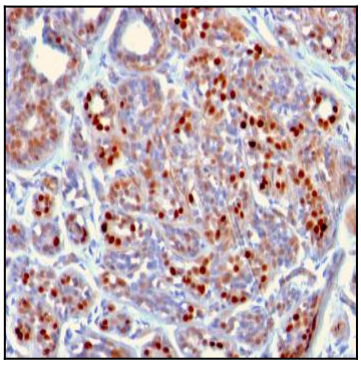


Fig. 1: Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with GATA-3 Mouse Monoclonal Antibody (GATA3/2442).

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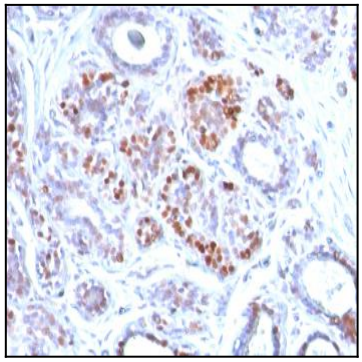


Fig. 2: Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with GATA-3 Mouse Monoclonal Antibody (GATA3/2442).

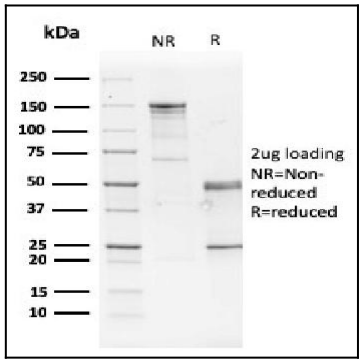


Fig. 3: SDS-PAGE Analysis Purified GATA-3 Mouse Monoclonal Antibody (GATA3/2442). Confirmation of Purity and Integrity of Antibody.

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