Product datasheet

anti-TTF-1 mouse monoclonal, IHC414, purified

Short overview

Cat. No.	691728
Quantity	1 ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG2b kappa
Clone	IHC414
Immunogen	TTF-1
Formulation	Tris pH 7.3-7.7 with 1% BSA and 0.09% sodium azide
UniprotID	Q15361 (Human)
Synomym	Transcription termination factor 1, TTF-1, RNA polymerase I termination factor, Transcription termination factor I, TTF-I, TTF1
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	IHC
Reactivity	Human

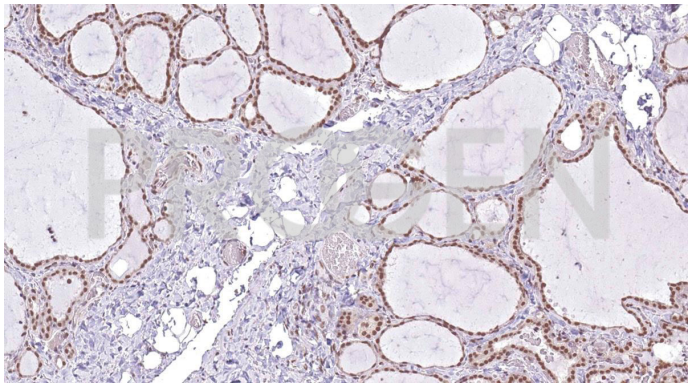
Applications

Immunohistochemistry (IHC) - paraffin	1:50-1:200 (microwave treatment recommended)

Background

Thyroid Transcription Factor 1 (TTF-1) is present in diencephalon, lung, and thyroid. Anti-TTF-1 stains thyroid and thyroid-derived tumours, and is therefore used for distinguishing lung adenocarcinoma from germ cell tumours, malignant mesothelioma, and metastatic carcinomas from organs other than the thyroid. It is also useful for distinguishing small cell lung carcinoma from lymphoid infiltrates, and pulmonary from non-pulmonary adenocarcinomas in malignant effusions. The ability to distinguish between pulmonary and non-pulmonary adenocarcinomas is particularly useful in identifying tumours that have metastasized to the brain.

Product images



Thyroid gland