EGFR Positive Negative 2 in 1 FFPE Block Reference Standard

CBPN0020

I. Description

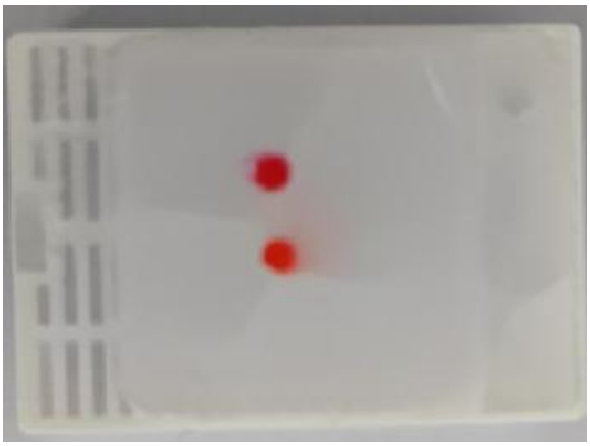
Neurotrophin receptor tyrosine kinase (NTRK) genes encode a family of transmembrane receptor tyrosine kinases, with NTRK1 (1g23.1), NTRK2 (9g21.33), and NTRK3 (15g25.3) encoding neurotrophin receptors TRKA, TRKB, and TRKC, respectively. TRK receptor signaling involves the binding of specific ligands (neurotrophins) to the receptors, leading to activation of the kinase domain, which initiates downstream signaling pathways leading to cell proliferation, differentiation, and survival. NTRK fusions occur in a variety of tumors, including rare tumors such as infantile fibrosarcoma, secretory carcinomas of the salivary glands and breast, as well as more common tumors such as melanoma, colorectal cancer, thyroid cancer, and lung cancer. Identification of tumors containing NTRK gene fusions has important diagnostic and therapeutic value.

II. General information

Name	EGFR Positive Negative 2 in 1 FFPE Block Reference Standard
Cat. No.	CBPN0020
Format	FFPE Block
Size	4mm/block
Intended Use	Research Use Only
Buffer	Tris-EDTA
Storage Conditions	-25~-15℃

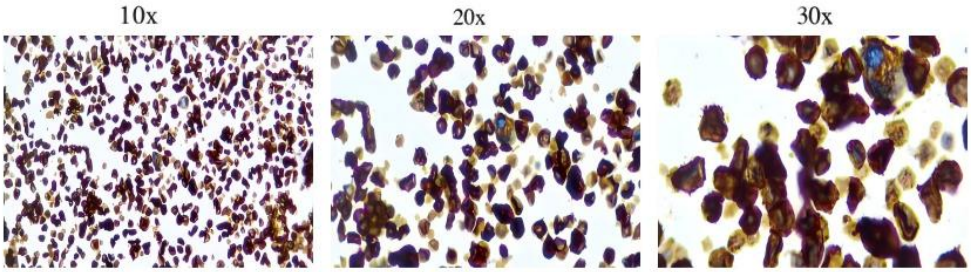
Expiry	36 months from the date of manufacture

III.Technical Data

Cell number	Subject to actual situation
Paraffin block thickness	4mm
Example	

IV.IHC staining results

EGFR Positive



EGFR Negative