# CFTR (E733) polyclonal antibody

Catalog: BS1525 Host: Rabbit Reactivity: Human,Mouse,Rat

## BackGround:

CFTR, for cystic fibrosis transmembrane conductance regulator, is a cyclic adenosine monophosphate (cAMP)-regulated chloride channel protein. CFTR belongs to the MDR subfamily within the ATP-binding transport protein family. It has two transmembrane domains (TMDs), two nucleotide binding domains (NBDs) and one regulatory domain. Mutations of CFTR are associated with cystic fibrosis (CF), a disease characterized by chronic bronchopulmonary disease, elevated sweat electrolytes and insufficient pancreatic function. CFTR mutations can also result in congenital bilateral absence of vas deferens (CBAVD), a form of male sterility that a majority of male CF patients exhibit.

## Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

## Molecular Weight:

~ 168 kDa

## Swiss-Prot:

P13569

## Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

## Applications:

IHC: 1:50~1:200

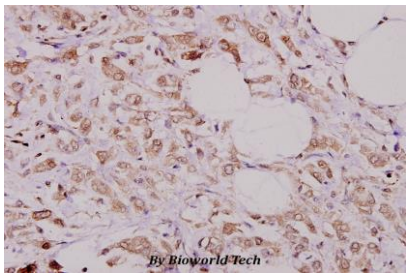
## Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

## Specificity:

CFTR (E733) polyclonal antibody detects endogenous levels of CFTR protein.

## DATA:




Immunohistochemistry (IHC) analyzes of CFTR (E733) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.

## Note:

For research use only, not for use in diagnostic procedure.

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