

SP4110P**Polyclonal Antibody to Cysteinyl Leukotriene Receptor 2 (CysLT2)
- Aff - Purified****Quantity:** 50 µg**Concentration:** 1.0 mg/ml**Background:** Cysteinyl leukotriene receptor 2 (CysLT2) is a Chemoattractant Receptor that binds neutrophil chemoattractants such as cysteinyl leukotrienes. These ligands have potent proinflammatory activity and are implicated in many features of asthma including edema, bronchial constriction, and hyperreactivity (Bisgaard et al., 2000). Activation of cysteinyl leukotriene receptor 2 induces cell contraction and/or relaxation.
CysLT2 expression has been reported in adrenal medulla, blood, brain, heart, kidney, lung, lymph node, ovary, placenta, prostate, pulmonary artery and vein, small intestine, and spleen. ESTs have been isolated from human kidney and liver/spleen libraries.**Host:** Rabbit**Immunogen:** Synthetic peptide - KLH conjugated
Epitope: 2nd extracellular domain of human
Genename: CYSLTR2**Remarks:** The immunizing peptide shows 47 % identity (47 % similarity) with rat.**Format:** **State:** Liquid Ig fraction
Purification: Peptide immunogen affinity column
Buffer System: PBS, pH 7.7, containing 0.01% sodium azide**Applications:** **Immunohistochemistry on Paraffin Sections:** 4 - 36 µg/ml.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.**Specificity:** Reacts with Cysteinyl Leukotriene Receptor 2 (family: GPCR; subfamily: Chemoattractant).**Species:** Human.
Other species not tested.**Storage:** Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -70°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.